Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.67

FANTASY ZINNIA, Award of Merit, 1935 All-America Selections. See page 6.
ORANGE FLARE COSMOS, Gold Medal, 1935 All-America Selections. See page 6.

Pkt. of either 15 cts. of both 25 cts.

LIVINGSTON'S 1936 SEED ANNUAL

THE LIVINGSTON SEED COMPANY

Famous for Best Seeds Since 1850

32-36 EAST SPRING STREET - - - - - - COLUMBUS, OHIO

Livingston's New Full "Carnation-Flowered"

Marigold "Yellow Supreme"

GOLD MEDAL WINNER for 1935
In the All-America Flower Selections

Developed and Introduced by Livingston's

Most talked about introduction of recent years; a 3 to 4-inch, fluffy, well-rounded bloom of delicately mild honey fragrance, with broad, loose, frilled petals of a rich, creamy lemon-yellow color. Unsurpassed cut-flower and exhibition variety as testified by growers and Garden Clubs. After cutting, holds freshness fully 10 days and takes on an even more delightful color and graceful form.

Plants, 24 to 30 inches; healthy, vigorous and free branching with foliage free from odor. Originated and bred in Ohio; fully acclimated to climatic conditions. A dazzling beauty that will give you a delightful surprise. (See Garden Club offer on page 2.)

Pkt. 15c; 1/16 oz. 25c; 1/8 oz. 35c; 1/4 oz. 55c

Alldouble Giant Petunias

An unapproached improvement in this flower. Comes 100% true double with less than 25% medium sized doubles, termed "Carnation Flowered." Our trials substantiate this statement. The flowers are large, beautifully fringed and ruffled and contain a good range of brilliant and suffused colors. You'll truly love them. Two strains, tall and dwarf, are offered. The blooms are identical; they differ only in habit of growth.

5063 Dwarf, Mixed. Pkt. 50c; 1/2 Pkt. 30c
5067 Tall, Mixed. Pkt. 50c; 1/2 Pkt. 30c

Rust-Proof Snapdragons

Certificate of Honor, 1935

A new achievement that gives the Maximum Type Antirrhinum a new lease on life. Comes 75% rust-proof. Two colors and a well balanced mixture are available.

3087 Pearl **3088 Crimson**
Pkt. 15c; 1/32 oz. 75c; 1/16 oz. $1.15

3089 Mixed Pkt. 15c; 1/32 oz. 55c; 1/16 oz. $1.00; 1/8 oz. $1.85.

THE LIVINGSTON SEED COMPANY
32 East Spring St., Columbus, O.

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our neighbors
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Co., Conn.:
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HIDDEN VALUES IN "TRUE BLUE" SEEDS

Gardener's Seed Dollar Is Stretched

Ira H. Coulson, Adams Co., Pa.: "I recommend your seeds when ever I can. The reason is I feel a patron gets more dollar value from you than any other seed house I have heard of."

A. Fergusson, Cuyahoga Co., Ohio: "Enclosed please find money order for some more real seed. Last year was the first time I had tried your True Blue seed and I must say that I have never had the germination of seed come up to that I received from True Blue seeds."

A. W. Grist, South Godstone, England: "I think your seeds are the finest I have ever had and are superior to any I can get in England."

Mr. Everett Ackerly, Rockland Co., N. Y.: "Have tried all the seed companies in U.S.A. and am back to you, just where I started from. I get better results with your seeds than others."

W. H. Hubbard, Yamhill Co., Oregon: "Germination has been as near 100% as could be asked and varieties all true to name."

Mr. Lewis Crook, Fayette Co., Ohio: "Got stung last year so, hereafter I get seeds from the old reliable or else."

James Henderson, Oconee Co., S. C.: "I have ordered seed from you for two years and haven't found any other seed that can compare with yours. My garden last year was the best in our community."

Critical Market Gardeners Choose Livingston Seeds

Oak Ridge Farms, Stark Co., Ohi[o:] "Last year I bought all my to[…] from you and had a wonder[…] my first tomatoes June 27.[…]

Robt. Mowen, Marion […] "The radish seed we got fro[…] in three days so you have w[…] Please rush our late order—[…] have your seed."

Adam Veith, Wyoming […]**nty, Penna.:** "We have used Livingston's seeds for more than 35 years. While we have tried many other seedsmen, we have found Livingston's seed cheapest and best."

Mr. Jacob Strukel, Will Co., Ill.: "I am a market gardener and sure have good results from your tomato seeds."

Chas. Benzi, McLean County, N. C.: "The Market Gardener will never forget a firm from whom he can get good seed with certainty. Price is no objection."

St. Louis Rose Co., St. Louis, Missouri: "We are now picking from a house 50 x 200 ft. which we have planted with your Marglobe, Extra Select, Seed. I am pleased to advise you that it is the finest crop we have ever had."

Quality Seeds Make Best Garden

Joe Crowe, Chelan Co., Washington: "Your seeds are the best I have ever planted."

A. W. Woodbury, Essex Co., Mass.: "I have had better success with your seed than with any other."

Mrs. A. B. Wilder, Republic Co., Kansas: "I never think of buying any seeds but yours. They are perfect."

Mr. L. S. Moles, Floyd County, Ky.: "The best garden I ever raised was from your seed."

Warren Marsh, Montgomery Co., Ohio: "This order is from the fourth generation of Marshes that have been buying seeds from Livingston's and have never been disappointed yet."

Alice Merrieweather, Clinton Co., Ohio: "I think it only fair I should tell you how well pleased I was with my seed last year. In spite of the heat and drought they came up fine and I had a wonderful garden."

Herbert Sharp, Kane County, Illinois: "I had a few packages of your seeds last year, and noticed that I had better results with them than other seeds I purchased. Most all grew well in spite of the drought."

E. Benham, Bergen Co., N. J.: "Used

Prices Very Low Considering Quality

Vegetable Packets 5 Cents

Wright and Son, Chautauqua Co., New York: "We have received catalogs from a number of seedsmen, including several of the oldest and best known, but in general arrangement, effectiveness of illustrations, colored plates and the more important matter of prices, we have been most pleased with yours."

Fern Woodman, Champaign Co., Ohio: "I want to order some seeds from you as your seeds are worth three or four times as much as the ordinary run of seeds."

Mrs. Wm. McKay, Chippewa Co., Mich.: "I ordered my seeds from you last year, and was very much pleased both as to price and quality."

W. H. Nautel, St. Laurence Co., N. Y.: "Your merchandise and prices are fine."

Mr. Roy E. Nace, Berrien County, Mich.: "Your prices plus quality ple[…] us."

A. L. Martin, Licking […] "Your prices are al[…] worth of you[…] years."

Our Customers Speak

[…]st I […]ve seed. […]have planted is […]ng fine. I have never […] of a testimonial before but […] cheerfully. I thank you for the [s]plendid seeds received."

Free Transportation Featured Quick Service Is Appreciated

Fred Burbank, Warren Co., N. Y.: "I want[…] you for being so prompt in mailing my seeds. […] was mailed here on the 20th of April and I recei[…] in good condition today—April 25th. That is going some."

Edward L. Clewell, Vinton Co., Ohio: "I've always received prompt and efficient service from you. I like your prepaid prices. I have purchased from you for several years."

Walter A. Deyo, Endicott Co., N. Y.: "Your seeds have always given satisfaction and thank you for your always prompt service."

H. H. Harris, Belmont Co., Ohio: "Many thanks for the good seed and good service."

Mr. Jack Bennett, Pike County, Georgia: "I have never ordered anything that was received so quickly."

Bargain Counter Collections Prove Popular

Many cu[s]tomers are taking advan[…] Livingston's Bargains.

[…]**ck Island County, Ill.:** […]ction of your seeds and […]ith them."

[…]**Fayette Co., Penna.:** […] season I purchased flower […]able seeds from you with which […] very much pleased. Your special aster mixture produced so many plants that I had enough for my own use and gave away more than a bushel full of plants."

Mrs. Sam Slates, Jefferson Co., Ohio: "Find enclosed one dollar for Livingston's Big $1.00 collection of vegetables. We like your seed very much."

New Marigold Creates Sensation

Garden Club Offer Repeated

Many enthusiastic letters of appreciation and requests to repeat the "Yellow Supreme" Marigold Contest have been received. We have decided to do this, supplying both ribbons and valuable prizes. See complete details on Page 2.

Mrs. Florence Surratt, President of the National Farm and Garden Club, Ingham Co., Mich.: "We thank you very much for the prizes and we all have enjoyed very much growing the lovely Marigolds. Next year if you are having contests of any kind, please let us know."

Mrs. Lon Rouch, Randolph Co., Ind.: "I was one of the prize winners and sure had fine luck with your seed. I had never planted a pack of your seed before but I think every seed grew. I grow plants commercially. Yours for a new booster."

Mrs. S. F. Hunt, President Lyonia Garden Club, Telfair Co., Georgia: "We are all delighted with the Yellow Supreme Marigold and are planning to plant more next year."

Mrs. R. B. Lester, Saint Francois Co., Mo.: "We had a real show this year with several hundred visitors and some lovely flowers, in spite of the drought. Your Marigolds made a beautiful showing. The Civic Improvement Club hopes to have another of your shows next year, and takes this opportunity of thanking you for the cooperation this year. To grow and exhibit your Marigolds is an especial delight."

Miss Margaret Varndell, Essex Co., N. J.: "I am writing you these few lines to let you know how pleased I am with your new Marigold, Yellow Supreme. It certainly is a beauty, puts all other Marigolds in the background and is greatly appreciated in not having the Marigold odor."

Mrs. W. A. Sayles, Pres.—Vermilion Garden Club, Erie Co., Ohio: "The Livingston Yellow Supreme Marigold display was one of the most outstanding exhibits of the show. I have enjoyed growing them in my own garden and they certainly are superior to the old type marigolds for arranging in the home."

Mrs. Frank J. Blood, Portage Co., Wisc.: "Will say that the Yellow Supreme Marigolds were the talk of the show. Everybody raved over them. Had a wonderful display on tables by themselves. Have some in my yard at this date that measure four inches across. The 20 people that purchased seed last spring were all pleased with them."

Catalog the Most Interesting Received

Nelson Murray, Mercer Co., N. J.: "I think your seed company is one of the most reliable in the country and your catalog is most interesting."

Mr. William R. Troyan, Cuyahoga Co., Ohio: "In your annual catalog, on Page 15, you have 'Cultural Directions for Flowers.' I have found that page a wonderful help in raising plants from your True Blue Perennial Flower seeds."

A. B. Christenson, Holstein, Iowa: "I especially like your catalog and instructions are given better than any catalog I have ever received and I have a dozen or more."

Mrs. H. G. Jenness, Dubuque County, Iowa: "Your catalog is a storehouse of information."

GIFT OFFERS WITH SEED AND BULB ORDERS

See Page 2 for free gift offers of seed and "My Pocket Garden Guide." See Page 4 for free Gladiolus bulbs. By qualifying any customer, new or old, can obtain these additional Free Gift Offers.

Harry Arthurs, Wayne Co., Mich.:

Mrs. Chas. Ackerman, Champaign

BEST R

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Livingston's Special GIFT OFFERS

24 Garden Leaflets in a Handy Pocket Folder

Size 6¾x4 in.

You May Select an Extra 10c. Value With Each $1.00 Worth of Seeds Purchased

as specified below

also "My Pocket Garden Guide" if The Order Amounts to $1.50 or More

HOW TO GET THESE GIFT OFFERS

You may select 10 cts. worth of seeds extra as a gift with each $1.00 worth of vegetable and flower seeds purchased at prices in this catalog in **packets, fractions of ounce, ounces and collection offers** but not including larger seed packages, bulbs and other items listed herein. If you purchase $2.00 worth, select 20 cts. worth and so on. In addition to this if you order $1.50 worth, or more, as specified above, we will also include free, upon request, our new folder **"My Pocket Garden Guide"** described at right.

My Pocket GARDEN GUIDE

WHAT IT IS

"My Pocket Garden Guide" is a handy, double, pocket size folder containing 24 interesting garden leaflets, written by our staff of experienced, practical gardeners, treating many garden subjects in a clear, easily understood manner.

Miss Alma Sinclair, Jefferson County, Ky., writes: *"Thank you for the chart you sent me and all other literature. It has meant everything to us."*

If necessary, why not get a neighbor to help you qualify for these Free Gifts

Special Contest Offer to Garden Clubs

On Livingston's New "Yellow Supreme" Marigold

For two years past we have made this offer to Garden Clubs and it is being repeated again because of the numerous requests and the many fine letters of appreciation received. (See page 1). Here is an opportunity to add a new, interesting feature to your Fall Show and to grow a truly deserving new flower. (Yellow Supreme is illustrated in color and fully described on inside front cover.)

SPECIFICATIONS

Any officially recognized Garden Club is eligible to take advantage of this offer. They should notify us of their intentions not later than May 1, stating which class (A or B as defined at right) they are entering.

To qualify, each member entering should purchase a packet of seed. The seed may be purchased in a group club order at 10 cts. per packet in lots of 10 packets or more. When purchasing give the name and address of each entrant. We will send the seed direct to each if desired.

Prizes will be awarded to the winners as determined by your judges. We will supply ribbons for the show and will forward premium certificates upon receipt of the names of the winners. Certificates will be redeemed by us up to June 1st, 1937.

It is to be understood that Livingston's "Yellow Supreme" Marigold will have a separate classification under artistic arrangements or specimen blooms as you choose. No other company or person shall be permitted to offer prizes in this class.

PRIZE OFFERS

Class A—No Less than 15 Entries.

Six blooms or more in artistic arrangement or specimen blooms as your club may choose.

First Prize—Premium Certificate, value $3.00 in flower or vegetable seeds absolutely free.
Second Prize—Premium Certificate, value $2.50 in flower or vegetable seeds for $1.25 cash.
Third Prize—Premium Certificate, value $2.00 in flower or vegetable seeds for $1.00 cash.
Fourth Prize—Premium Certificate, value $1.50 in flower or vegetable seeds for 75c cash.

Class B—No Less than 10 Entries.

Six blooms or more in artistic arrangement or specimen blooms as your club may choose.

First Prize—Premium Certificate, value $2.50 in flower or vegetable seeds absolutely free.
Second Prize—Premium Certificate, value $2.00 in flower or vegetable seeds for $1.00 cash.
Third Prize—Premium Certificate, value $1.50 in flower or vegetable seeds for 75c cash.
Fourth Prize—Premium Certificate, value $1.00 in flower or vegetable seeds for 50c cash.

Complete Listing of Flowers Beginning with Page 14

Big Bargain Counter Collections

Livingston's Big $1.00 Collection "True Blue" Vegetables

26 regular size packets—19 different kinds of vegetables. The biggest vegetable seed bargain in this book. Illustration and complete list of varieties included is given on inside back cover. At this low price we cannot permit substitutions.

$1.00 Postpaid

Bargain Vegetable Seed Collections

Special Vegetable Collection

All popular home-garden varieties

Globe Radish — Chantenay Carrot
Simpson Lettuce — Livingston's Giant
Early Wonder Beet — Oxheart Tomato

5 Pkts. (Value 30 cts.) 20 cts.

Special "Greens" Collection

Turnip, Shogoin — Swiss Chard, Lucullus
Mustard, Giant Curled — Spinach, Juliana

4 Pkts. (Value 20 cts.) 15 cts.

Beet Collection

3 *Packets as offered on page 48 (Value 20c)* ..... **15c.**

Cucumber Collection

3 *Packets as offered on page 56 (Value 15c)* ..... **10c.**

Vegetable Collection No. 1

7 *Packets of recently introduced varieties as illustrated on page 10.* **50c.**

Vegetable Collection No. 2

7 *Packets of recently introduced varieties as illustrated on page 11.* **30c.**

Garden Pea Collection

3 varieties, an early, medium and late, to supply a succession of Peas through the season. See page 71 for varieties and descriptions.

3 Pkts. 25c—3 ½ lbs. 50c.—3 lbs. 75c.

Lettuce Collection

3 *Packets as offered on page 60 (Value, 15c)* ..... **10c.**

Muskmelon Collection

3 *Packets as offered on page 62 (Value 15c)* ..... **10c.**

Bargain Flower Seed Collections

Our Biggest Money-saving Offer Rainbow Collection Of Choice Annuals 75c

Asters, Mixed — Petunia, Mixed
Bachelor's Buttons — Phlox, Mixed
Candytuft, Mixed — Poppies, Mixed
Cosmos, Mixed — Portulaca, Mixed
Dianthus, Mixed — Scabiosa, Mixed
Marigold, Mixed — Sweet Alyssum
Mignonette, Sweet — Antirrhinum, Mix
Nasturtium, Mixed — Sweet Peas, Mixed
Pansy, Mixed — Zinnia, Mixed

18 Packets—Regular Value $1.75

Exhibition Aster Collection

7 *Packets as outlined on page 18 (Value 70c)* ..... **50c.**

Big 3 Aster Collection

Wilt-resistant Varieties

3 *Packets of 3 varieties in mixed colors as offered on page 16* .. **25c.**

Annual Cut Flower Collection

Crego Aster, Mixed — Larkspur, S.F., Mixed
Snapdragon, Mixed — Zinnia, Dahlia, flwd., Mixed
Scabiosa, Mixed

5 Pkts. (Value 50 cts.) 40 cts.

Perennial Rock Garden Collection

Fine for the Beginner

3034 Alyssum — 3806 Heuchera
3102 Aquilegia — 3896 Linum
3110 Arenaria — 6065 Primula
3414 Candytuft — 6156 Saxifraga
3628 Dianthus — 6310 Tunica
3760 Gypsophila — 6331 Veronica

Actual Value $1.35

Sent for $1.00, Postpaid

Annual Rock Garden Collection

3018 Ageratum — 6052 Portulaca
3032 Alyssum — 6000 Phlox
3682 Eschscholtzia — 6110 Sanvitalia

Actual Value 65c.

Sent for 50 cts. Postpaid

Spencer Sweet Pea Collection

7 *Liberal Packets, popular kinds as offered on page 41* **35c.**

Children's Flower Mixture

6490 Makes delightful Wild Garden where children can pick flowers to their hearts content. Just sow seed outside after frost.

Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

Perennial Collection 50c.

Would cost 80c Separately

3096 Aquilegia — 3652 Digitalis
3420 Campanula — 3636 Hardy Pinks
3398 Coreopsis — 6042 Poppy
3608 Daisy — 6294 Sweet William

Bright Array Collection 35c.

Would cost 75c Separately

Alyssum, Mixed — Candytuft, Mixed
Aster, Mixed — Nasturtium, Mixed
Pansy, Mixed — Sweet Peas, Mixed
Phlox, Mixed — Zinnia, Mixed

Scabiosa Collection

9 *Packets, large flowering, as offered on page 39* .. **75c.** *(Value 90c.)*

Sunburst Collection of Dwarf Nasturtiums

7 *Packets, all colors as offered on page 34* ..... **25c.**

Strawflower Collection

7 *Packets in 7 colors as offered on page 28* ..... **50c.**

See other flower collections in flower Section, pages 16 to 43

Important Ordering Suggestions

FREE TRANSPORTATION ON ALL SEED ANYWHERE IN THE UNITED STATES PROPER

All seeds (Excepting Peas, Beans and Corn, as noted on pages 46, 55 and 70) quoted in this Catalog are now shipped by Parcel Post, Express or Freight, whichever rate is lower, all transportation and packing charges paid by us. The only items on which you must figure or pay transportation are those marked "Not postpaid," and they are few. C.O.D. and money order return fees are not considered as transportation charges and, therefore, must be paid for by the customer. Avoid them by sending remittance with order. Bulk seeds, such as Peas, Beans and Corn, in quantities, are shipped to your nearest express or freight office, transportation paid, except as noted on pages 46, 55 and 70. If you wish them shipped by Parcel Post, please send necessary postage.

SHIPPING ORDERS. When goods are to be shipped by Freight or Express, give plain shipping directions; otherwise we use our best judgment in routing. Goods on which we pay transportation are shipped at our option.

SEND MONEY. Remittance should always accompany the order. Remittances may be made at **our risk** by any of the following methods (1st and best) **Post Office Order**; (2d) **Bank Draft or Check**; (3d) **Express Company Money Order**; (4th) **Registered Letters.** Cash or stamps are sent at purchaser's risk. While we accept stamps in payment, the Postal Department asks us to discourage their use.

AN ORDER BLANK and ENVELOPE are in the rear of this Catalog for your convenience. Additional Order Blanks and Envelopes will be sent on request. Print or write your Name, Post-Office, County, and State plainly. If you have moved, give us your old address and we will change our mailing-list.

WE GUARANTEE the safe arrival of your seeds. We guarantee to refund your money or give value in other seed if, after properly testing at time of receipt, our seeds fail to grow. Our germination test is printed on all packages (not packets) we send out.

NON-WARRANTY. Contingencies continually arising prevent the very best seeds always giving satisfaction. For these reasons, it is impossible to guarantee seeds under all circumstances; therefore We, The Livingston Seed Company, give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we sell, and will not be in any way responsible for the crop.

PARCEL POST RATES. Where you must remit postage ask your postman what zone you are in from Columbus, and using the figures under that zone, multiply the number of pounds by the first figure and add the second and remit that amount in cents. Fractions of a cent count as a full cent.

1st & 2nd Zone	3rd Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
1.1 & 8	2 & 7	3½ & 6½	5.3 & 5.7	7 & 5	9 & 5	11 & 4

Livingston's Great Gladiolus Offer

Livingston's "Pandora" Mixture of Gladiolus

Made up and offered, not with the idea of profit but with the intention of giving so much pleasure to the average amateur that he will talk about it to his friends and neighbors. We offer this mixture under the name of "Pandora" because it contains so many surprises in color, form and beauty. Many new unnamed sorts can be found. Unquestionably, new varieties could be developed, and we place no restriction on their introduction. You'll get a vast amount of enjoyment, expectation and rapture at small cost from this grand mixture and we'll profit through your good will and recommendations.

Doz. 45c; 2½ Doz. $1.00.
100 for $2.35 Postpaid

PRIMULINUS VARIETIES

Usually smaller flowers but perhaps the most charming in cultivation. Earliest to bloom; ornamental inside decoration qualities unsurpassable.

AFLAME. Probably the largest red Grandiflora Prim. It is a bright begonia-rose with flame red shadings. A real sensation. Doz., $1; 100 for $7.50.

APRICOT GLOW. Lovely warm buff edged soft apricot. Tall, strong stem. Doz., 30 cts.; 100 for $1.80.

GOLDEN FRILLS. Deep rich, daffodil yellow; with red markings on lower petals. Intensely ruffled and unusual in form. Very early. Doz., 35 cts.; 100 for $2.40.

KRELAGE'S FAVORITE. A large light scarlet which never fails to please. Doz., 30 cts.; 100 for $1.80.

STARBRIGHT. Beautiful straw yellow, with a broad distinct band or stripe of rose through the center of each petal. Stems long and straight. Very vigorous. Doz., 40 cts.; 100 for $2.60.

THE ORCHID. Petals are very long and slender, ruffled, frilled and laciniated. Color pale lavender, deeper at edges and tips of petals. Extremely hooded, orchidlike. Doz., 55 cts.; 100 for $3.50.

WHITE BUTTERFLY. The best white; dainty and graceful. Vigorous and free flowering. Early. Doz., 35 cts.; 100 for $2.40

ZONA. Salmon-rose, with lower petals canary yellow with deep rose-pink blotches on center of lower petals. Tall graceful spikes, extra vigorous. Very early. Doz., 35 cts.; 100 for $2.40.

Primulinus Collections

The "Prims" are especially desirable because of early blooming and adaptability to inside decoration. Here is the chance to get the best at a nominal price.

3 bulbs each—24 bulbs.....$0.70 ppd.
6 bulbs each—48 bulbs..... 1.25 ppd.
12 bulbs each—96 bulbs..... 2.25 ppd.

Strictly First Size, True-to-name Bulbs

All our bulbs are high grade, first size, true-to-name, systematically treated before planting and fumigated in storage. At these postpaid prices they deserve a place in your garden.

FREE 2 Bulbs of the New PICARDY With Each $1.00 Purchase of Gladiolus

Claimed to be the most popular new variety in the world, and deservedly so. Originally sold at $5.00 a bulb and generally offered at 20 to 25 cents last year. This year we offer to give you a start with Picardy by sending 2 bulbs free with each $1.00 purchase of Gladiolus or will sell it to you at prices quoted below. Picardy is a soft, shrimp pink, with a blotch of light flesh pink, shading to shrimp pink at edges. Opens 7 to 9 florets, 5 inches or more across, on a tall, graceful spike. **Above offer good only while supply lasts.**

Sale Price: Each, 12 cts.; Doz., $1.25.

GLADIOLUS CULTURE

Spade ground rather deep, pulverizing it well. The use of fertilizer is advisable in clay soil or where insufficient fertility is obvious. In any event, we recommend the placing of Bone Meal in the furrow or hole, covering it with 1 inch of soil before the bulb is planted. Place the bulbs 3 inches apart and 5 inches deep in rows 2 feet apart. Small bulbs should not be planted quite so deep. Cultivate well and keep free from weeds. Water frequently and freely if necessary. Successive plantings can be made until about July 1. Cuttings should be made 8 inches above ground when 2 blooms have appeared. After the flowers are cut the bulbs should remain in the ground until late September or October. Remove them before freezing, cut off top and cure and store in basement, or place of moderate temperature for the winter.

OUTSTANDING POPULAR VARIETIES

AVE MARIA. Large light blue, blotched purple. Great substance. A new favorite in the blues. Doz., $1; 100 for $7.50.

BERTY SNOW. Soft pinkish lavender large flower of good substance. Strong spikes. A real beauty. Doz., 30 cts.; 100 for $1.80.

BETTY NUTHALL. Lovely coral orange with pencil lines of soft red. Double row of huge florets. Texture, superb. Doz., $1; 100 for $7.50.

CARDINAL PRINCE. Self-colored cardinal. Large flowers of fine form, 6 to 8 open at a time. Doz., 30 cts.; 100 for $1.80.

CHARLES DICKENS. Magnificent royal purple with velvety purple blotches. Five foot spikes. Doz., 50 cts.; 100 for $3.50.

COMMANDER KOEHL. A brilliant, clear blood red, self color. Six to seven blooms open at a time. A commanding variety. Doz., $1; 100 for $7.50.

GOLDEN DREAM. Clear, deep golden yellow of splendid substance. Many flowers open at one time. Doz., 45 cts.; 100 for $3.00.

GOLDEN MEASURE. Decided yellow with large, wide open flowers. Of gigantic stature. A beauty that fears no challenge on size. Doz., 50 cts.; 100 for $3.50.

MARMORA. Blendings of smoky shades of grays and lavender, with a blotch of red and purple. Doz., 35 cts.; 100 for $2.25.

MINUET. For purity of lavender, ideal form and wonderful finish, Minuet stands alone. Wide open flowers with broad petals of great substance. Doz., $1; 100 for $7.50.

MOTHER MACHREE. A subtlety of colorings; rose, gray, blue and apricot. Most wonderful "smoky" Glads. Long spikes, good sized flowers. Doz., $1.25; 100 for $8.

MR. W. H. PHIPPS. Clear deep pink, salmon toned reflex. Lips faintly speckled ruby. Massive spike. Doz., 50 cts.; 100 for $3.50.

MRS. F. C. HORNBERGER. Dazzling snow-white. Exquisite large flowers placed symmetrically on a regal spike. Doz., 50 cts.; 100 for $3.50.

PFITZER'S TRIUMPH. Vivid salmon orange, small red blotches. Finest introduction by Wilhelm Pfitzer. Without doubt the largest ever imported. Doz., 50 cts.; 100 for $3.50.

MRS. P. W. SISSON. A glorified cameo pink. The large flowers, many of which open at same time, are of heavy texture and flawless form. Doz., 35 cts.; 100 for $2.40.

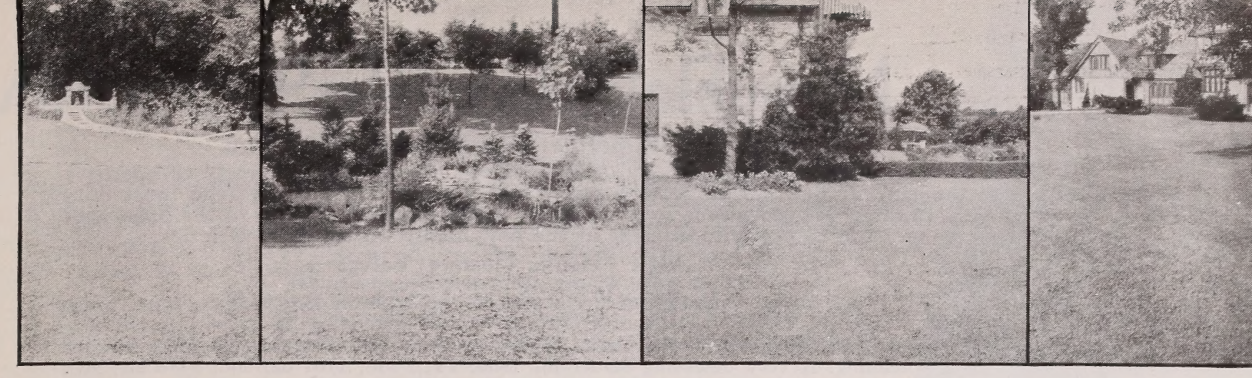
VEILCHENBLAU. Most popular clear, deep violet blue with darker blotch on lower petals. Large flowers; vigorous. Doz., $1; 100 for $7.50.

BLENDED COLOR COLLECTIONS

Fascinating, Sensational Color Blendings for Your Dream Garden

Made from the sixteen outstanding named varieties above. Here's your opportunity to get a start with a group that we believe has never before been offered at such a low price.

1 bulb of each (16 bulbs).....$0.70 postpaid
3 bulbs of each (48 bulbs)..... 1.85 postpaid
6 bulbs of each (96 bulbs)..... 3.25 postpaid
12 bulbs of each (192 bulbs)..... 6.00 postpaid
18 bulbs of each (288 bulbs)..... 8.00 postpaid



Livingston's Lawn Grass Seeds

Thoroughly practical leaflet, "How to Make a Better Lawn," sent on request

"Capitol Brand" Mixture

THE FORMULA FOR A BEAUTIFUL LAWN

The ingredients of Capitol Brand are the choicest, top-grade grasses suitable for making a beautiful, durable, lasting lawn—always. We lean backwards to make it the best you can buy at near the price. Germinates quickly and roots deeply; withstands intense heat and hard cold; guaranteed free of dandelion and crab grass seeds. Contains high percentage of hardy, lasting, perennial grasses with small amount of clover. Makes thick turf of rich, velvety green. Your lawn, once established with "Capitol Brand," lasts for years. Owing to the high-grade seeds used in this mixture, one pound is sufficient to sow 300 square feet of new lawn. Lb., 50 cts.; 3 lbs., $1.35; 5 lbs., $2.10; 10 lbs., $3.80—25 lbs. or more at 35 cts. per lb.

Transportation paid by us

Havalawn Mixture

Another mixture that we make and can recommend. Contains same kind of grasses as Capitol. Makes durable turf at least possible expense. Lb., 40 cts.; 3 lbs., $1.05; 5 lbs., $1.55; 10 lbs., $2.80; 25 lbs. or more at 25 cts. per lb.

Shady Place Mixture. Adapted to shaded, unsightly spots where it is difficult to get a stand of grass. Lb., 60 cts.; 3 lbs., $1.55; 5 lbs., $2.30; 10 lbs., $4.30; 25 lbs. or more at 40 cts. per lb. All prepaid.

White Clover. Excellent for lawns when mixed with other grasses; tends to keep crab grass in check. Lb., 60 cts.; 3 lbs., $1.55; 5 lbs., $2.30; 10 lbs., $4.25, prepaid.

Kentucky Blue Grass. Used more for lawns than any other grass. It is slow to start, however, and should be mixed with other quick-growing dwarf grasses. Does best on limestone soils, well enriched. Dark green in color; forms close, thick turf and is very hardy. Lb., 50 cts.; 3 lbs., $1.35; 5 lbs., $2.10; 10 lbs., $3.80; 25 lbs. or more at 35 cts. per pound. All prepaid.

Red Top. One of the Bent grasses. Used on golf courses and in all good lawn mixtures. Does well in wet places and under unfavorable conditions. Is drought-resistant. Lb., 40 cts.; 3 lbs., $1.05; 5 lbs., $1.55; 10 lbs., $2.75; 25 lbs. or more at 25 cts. per pound. All prepaid.

Domestic Rye Grass. Makes quick growth but not permanent lawn. Should be used in mixture with hardy grasses as a nurse. Valuable where quick results are desired. Lb., 35 cts.; 3 lbs., 95 cts.; 5 lbs., $1.25; 10 lbs., $2.10; 25 lbs. or more at 20 cts. per pound. All prepaid.

Astoria Bent. True creeping bent of high quality. Used on golf putting greens and high grade mixtures. Lb., $1.35; 3 lbs., $4.00. All prepaid.

Timothy. Generally used in mixtures as a nurse for the slower-growing grasses. Lb., 25 cts.; 3 lbs., 60 cts.; 5 lbs., 80 cts.; 10 lbs., $1.30; 25 lbs. or more at 10 cts. per pound. All prepaid.

Rough-Stalk Meadow. One of the best for shady places. Lb., 60 cts.; 3 lbs., $1.55; 5 lbs., $2.30; 10 lbs., $4.25; 25 lbs. or more at 40 cts. per pound. All prepaid.

Chewing's Fescue. A valuable grass. Especially good in shady places. Lb., 95 cts.; 3 lbs., $2.70; 5 lbs., $4.25; 10 lbs., $7.75; 25 lbs. or more at 73 cts. per pound. All prepaid.

SPECIAL QUOTATIONS.—We are always pleased to quote special prices to parks, institutions, golf clubs, and others who require Lawn Grass Seed in large quantities. Prices subject to market change.

SACCO SPREADER

A GARDEN TOOL THAT YOU NEED

Spreads Lawn Seed, Fertilizers, Sand, Salt, etc., easily and quickly. Equipped with instantaneous feed control (No. 1) and adjustable spreader (No. 2). Can be operated easily by any child. Will pay for itself in saving seed and fertilizer thru proper application.

As a Suggestion

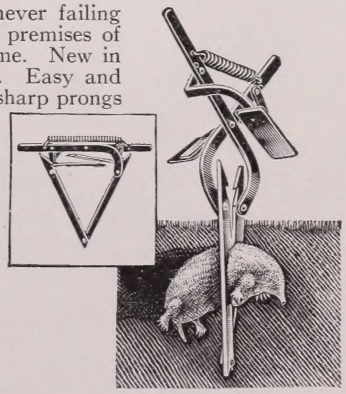
Why not buy one on a cooperative plan with several of your neighbors and all get the benefit of its use?

TWO SIZES—POSTPAID IN OHIO
Model No. 3318, 18 inch. Shipping weight 12½ lbs. $ 3.50
Model No. 3330, 30 inch. Shipping weight 50 lbs. 14.50

Rid Your Lawn of Moles

THE NEW IDEAL MOLE TRAP

An easy-to-use, never failing trap which will rid premises of moles in a short time. New in method and design. Easy and safe to operate; no sharp prongs or points. Stays in ground while operating and when sprung can be easily removed. Kills moles instantly and safeguards pelt. Heavy-gauge, lacquered for outdoor service.

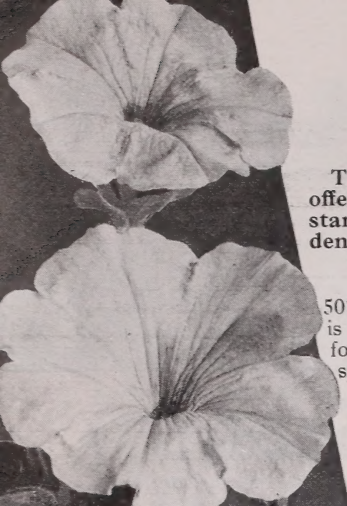


$1.00 Postpaid

New Flowers in the 1936 All

What All-America Selections Mean to You

The All-America Selections of flowers and vegetables is a yearly competitive offering of new varieties from which competent judges choose the most outstanding. Its purpose is to present the best things of the year to the most gardeners and to promote interest in the new, really worth while varieties.



Petunia Flaming Velvet

New Petunia, Flaming Velvet

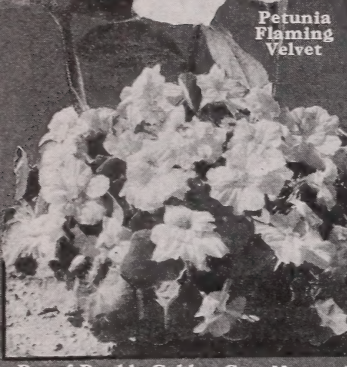
Gold Medal Winner, All-America Selections, 1936

5079 A new variety in the Hybrida type, having the largest flowers in that group. Color is a brilliant, velvety blood-red or crimson. Very outstanding for color, type and uniformity with very few off color plants. Growth is about 18 to 20 inches tall and somewhat spreading. A very deserving leader for 1936. Pkt., 25c; 1/64 oz. 50c; 1/32 oz., 95c.

A New Double Nasturtium, Dwarf Golden Gem or Globe

Award of Merit, All-America Selections, 1936

4112 A true dwarf type of the popular Double Gleam Nasturtium and the first named color in the Gem type. The color is identical with the Golden Gleam and the habit and trueness compare favorably. Plant is 9 to 12 inches high, very compact with a profusion of sweet-scented double blooms. See illustration at left (Gem Mixture is offered on page 34). Pkt. (25 seeds), 25 cts.; ¼ oz., 40 cts.; oz., $1.00.



Dwarf Double Golden Gem Nasturtium

Petunia, Miniature Rose Gem

Award of Merit, All-America Selections, 1936

5071 A charming addition to the new miniature group of Petunias and a most pleasing and desirable color. Plants are about 6 inches tall and loaded with rich deep rose flowers similar to the well known Petunia, Rose of Heaven. Blooms are about 2 inches in diameter. Plants are neat and compact. Pkt. (150 seeds), 25 cts.; 1/64 oz., 75 cts.; 1/32 oz., $1.45.

New Super Giant Aster, El Monte

Special Mention, All-America Selections, 1936

3127 Super Giant blooms of glowing red or crimson; fine new companion for Super Giant, Los Angeles, largest blooming Aster, introduced recently. The flowers of El Monte are large, full petaled, daintily interlaced and curled, borne on heavy non-lateral basal branched stems. Very early blooming, coming in before the California Giant and remaining in flower over a long period. Not wilt-resistant but highly recommended. Pkt., 25 cts.; 1/16 oz., 40 cts.; ⅛ oz., 75 cts.; ¼ oz., $1.35.

Petunia, Miniature Rose Gem

Petunia, Dainty Lady

Award of Merit, All-America Selections, 1936

5076 Dainty Lady presents for your approval an entirely new color in Petunias, a delicate golden yellow, the first really yellow variety. The blooms are medium sized with beautifully fringed petals. Plants are neat, compact, semi-dwarf and free-flowering. Developed to perfection through a 10 year program of hybridization. Pkt. only (50 seeds), 25 cts.

FRONT COVER OFFER

Fascinating New Zinnia "Fantasy"

Award of Merit, All-America Selections, 1935

6469 Most striking new Zinnia in many years. Curled and crested type, with blooms of medium size having shaggy ray-like petals giving it a delicate and refined appearance. Color range includes reds, yellows, orange and pastel pinks and creams. Plants are 2 to 2½ feet tall, free-flowering. Pkt., 15c; ⅛ oz., 30c; ¼ oz., 50c; oz., $1.50.

New Early Cosmos, Orange Flare

Gold Medal Winner, All-America Selections, 1935

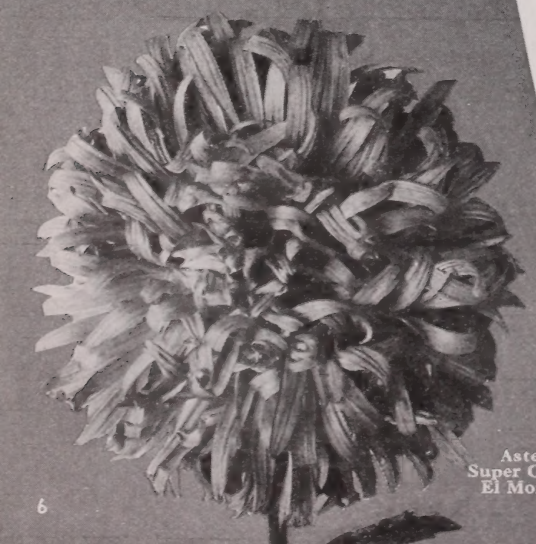
3565 One of the most discussed novelties. An early flowering strain, blooming in about four months from sowing seed; a Cosmos feature before unknown in the flower world. Blooms are of a deep, vivid, orange color supported by light green foliage. Plants are 2 to 3 feet tall with long, wiry stems. Pkt., 15 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.; ¼ oz., 90 cts.

Packet of both for 25c

All-America Collection No. 1

One packet of each variety pictured on this page — 5 packets (value $1.25)

$1.00 Ppd.



Aster Super Giant El Monte

Petunia Dainty Lady

America Parade of Champions

New Double Nasturtium, Scarlet Gleam

Gold Medal Winner, All-America Selections, 1935

4102 A new development from the popular double, fragrant Golden Gleam presented first in 1932. The flowers, borne on long, wiry stems, are a fiery orange scarlet in color, of immense size, almost three inches across, and have a pronounced sweet fragrance. Plants are semi-dwarf with short runners forming a well-rounded, free flowering bush. Pkt., 15 cts.; ¼oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

Glorious Double Gleam Hybrid Nasturtiums

Award of Merit, All-America Selections, 1935

4110 A collection of gorgeously colored, large, double, sweet-scented flowers of dazzling beauty; the fountain head from which will issue many new separate colors in double Nasturtiums. Colors abound in profusion. Plants are semi-dwarf with short runners and long, wiry flower stems. Excellent for cutting. Pkt., 15 cts.; oz., 30 cts.; ¼ lb., 90c.

New Calendula "Shaggy"

Gold Medal Winner, All-America Selections, 1935

3379 The most graceful and most unique Calendula yet introduced. A new laciniated petalled type that is exceedingly attractive as illustrated at right. The color is orange. Truly outstanding and especially desirable for the home garden. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.; ¼ oz., 85 cts.

New Dixie Sunshine Marigold

Award of Merit, All-America Selections, 1936

3938 An entirely new type coming from the Land of Dixie. The flowers are of medium size, double golden yellow and composed of many tiny five petaled florets. (See illustration at right.) A late flowering variety; should be started very early in northern sections. Pkt., 25 cts.; 1/16 oz., 35 cts.; ⅛ oz., 65 cts.

Rust-Proof Snapdragons

Certificate of Honor, All-America Selections, 1935

A new development in the Maximum Type Antirrhinums that is giving Snapdragons the popularity they deserve. Comes 75% rust-proof with clean, healthy foliage. Illustrated in color on inside front cover. Two colors and a mixture are offered.

3087 **PEARL.** White. Pkt., 15c; 1/32 oz., 75c; 1/16 oz., $1.15; ⅛ oz., $2.20.
3088 **CRIMSON.** Pkt., 15 cts.; 1/32 oz., 75 cts.; 1/16 oz., $1.15; ⅛ oz., $2.20.
3089 **MIXTURE.** All Colors. Pkt., 15 cts.; 1/32 oz., 55 cts.; 1/16 oz., $1.00.

Sunlight Hunnemannia (Tulip Poppy)

Award of Merit, All America Selections, 1934

3687 New California Poppy of a clear canary yellow. Bred to come semi-double but in our trials came mostly single. Nevertheless, it is the best poppy we grew. It is profuse, long blooming and has long stems for cutting. Hardy but best grown as annual. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.; oz., $1.25.

Livingston's New Full Carnation-flowered MARIGOLD "YELLOW SUPREME"

Gold Medal Winner, All-America Selections, 1935

Developed and Introduced by Livingston's

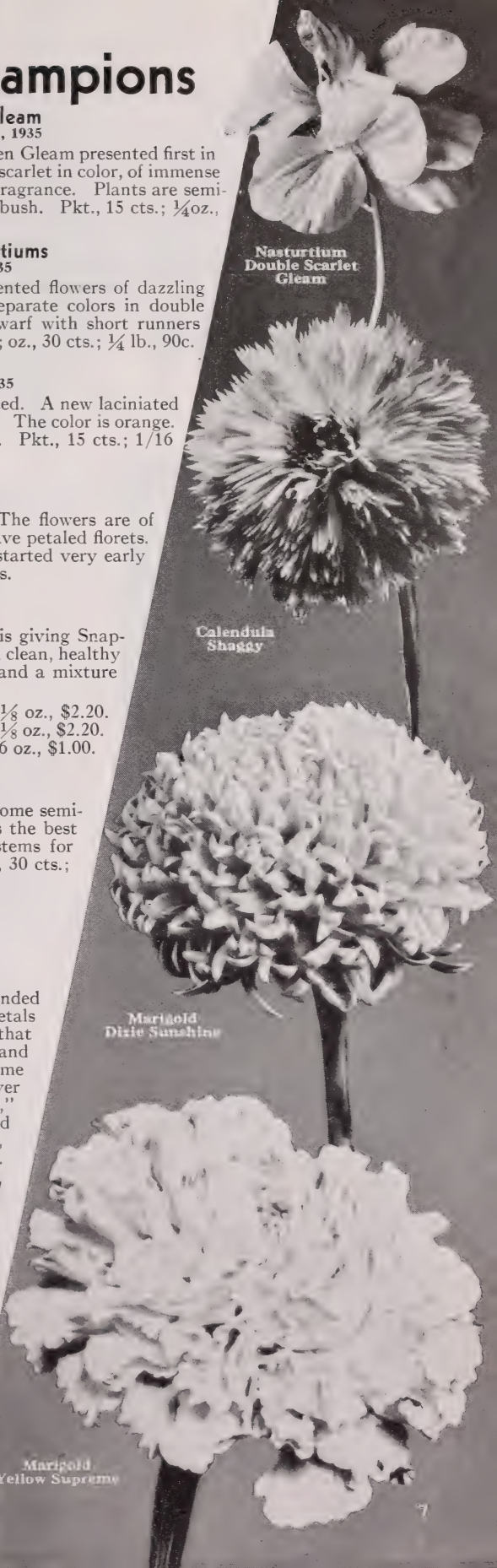
3934 A superlative creation. Three to four inch, fluffy, well-rounded blooms of delicately mild honey fragrance; broad, loose, frilled petals of a rich, creamy lemon-yellow color; foliage which is free from that objectionable odor; healthy, vigorous, free-flowering plants and quite early blooming. What more could one ask? Yellow Supreme has received more enthusiastic praise than any flower we ever offered. Growers and Garden Clubs report "5 inches across," "No odor," "Talk of the show," "Created Sensation." Illustrated in color on inside front cover. Garden club offer on page 2. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 35 cts.; ¼ oz., 55 cts.; oz. $1.50.

All-America Collection No. 2

One packet of each variety pictured on this page — 5 packets (value 80 cts.)

60c Ppd.

Hunnemannia Poppy Sunlight



Nasturtium Double Scarlet Gleam

Calendula Shaggy

Marigold Dixie Sunshine

Marigold Yellow Supreme

Marigold Guinea Gold

Aster, Los Angeles

Annual Canterbury Bells

Morning Glory, Heavenly Blue

Pansy Swiss Giant

Recent, Deserving Flower

Improved Strain Guinea Gold Marigold

Gold Medal Winner, All-America Selections, 1933

3935 A brilliant orange flower flushed with gold 100% semi-double and double, ruffled with loose placed petals. Plant has pyramidal habit of growth, 2 to 2½ feet tall, and has much less noticeable Marigold odor than ordinary. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz. 30 cts.; ¼ oz., 50 cts.

Super Giant Los Angeles Aster

Award of Merit, All-America Selections, 1934

3125 The first of a new race of giant Asters; having long, strong stems, it promises to supersede all others for cut-flower use. Similar to Giants of California, but earlier, deeper, full centered with unusually curled and interlaced petals. Color is a shell pink. Pkt. 25 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.; ¼ oz., $1.00.

New Annual Canterbury Bells

Gold Medal Winner, All-America Selections, 1933

An improvement over the biennial varieties in that they bloom within six months from sowing seed, thus bringing spring to the fall garden. Three selections are offered.

3417 **ANGELES BELL.** Deep rose. Pkt., 15 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.; ¼ oz., 95 cts.

3419 **LIBERTY BELL.** Deep violet blue. Pkt., 15 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.; ¼ oz., 95 cts.

3418 **MIXED.** All colors including dark and light blue, pink, rose and white. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.; ¼ oz., 75 cts.

Heavenly Blue Morning Glory

4001 A variety that is bringing new and deserved popularity to Morning Glories. Many who have grown it say they cannot find words that express their admiration. It is literally covered with lovely flowers of sky-blue shading lighter toward center. Flowers measure 3½ inches across and bloom until frost. Pkt., 15 cts.; ¼ oz., 30 cts.; oz., 85 cts.

Livingston's New Double Morning Glory "White Beauty"

Our own New introduction for, 1935

3998 **New.** A beautiful pure white double flower all frilled and ruffled. Not so large but very profuse and quite early. Plants are healthy and vigorous, making excellent screen or background. This new flower is ideal for the "White Garden." Give it a trial this season. Pkt., 15 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.

Celosia, Flame of Fire

3465 A new variety with perfect pyramidal habit and circular feathery combs of bright fiery scarlet. Has good center head and many side branches of lush green. Grows to height of 18 inches. Pkt., 20 cts.; 1/64 oz., 35 cts.; 1/32 oz., 65 cts.; 1/16 oz., $1.25.

Pansy, Swiss Giant Mixed

5020 Imported direct from Switzerland. The blooms, often measuring 3½ inches across, are well-rounded, perfectly shaped with thick velvety petals; enchanting shades, colorings and markings. One of the outstanding features of this strain is that the long, stiff stems hold the flowers well above the foliage. Excellent for either cutting or bedding. Pkt., 25 cts.; 1/16 oz., 85 cts.; ⅛ oz., $1.50; ¼ oz., $2.75.

Novelty Collection No. 1

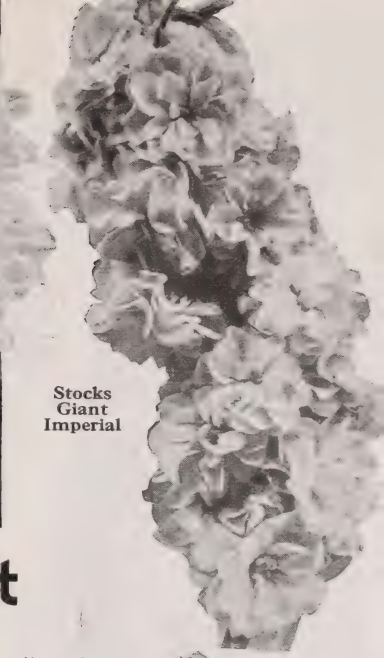
One packet of each variety pictured on this page—5 full sized packets in all. (Value 90 cts.)

70c

Complete listing of flowers beginning with page 14

Coreopsis
Double Sunburst

Aster
Golden
Sheaf



Stocks
Giant
Imperial

Introductions of Proven Merit

New Wilt-Resistant Aster, Golden Sheaf

3295 Entirely new. The deepest yellow Aster yet offered and the only one that is wilt-resistant. The flowers are fully double with an attractive crest-like center, of good substance and fine depth of petal. They are mounted on long stems and last well when cut. Pkt., 15 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.

Double Early Giant Imperial Stocks, Mixed

6179 Mixed Colors. Outstanding because of the large flowers on long stems which make it especially desirable for cutting. Plant is of branching habit, very early blooming and produces a high percentage of doubles. Height, 26 inches. For separate colors see page 40. Pkt., 15 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.

Coreopsis Grandiflora, Double Sunburst

3399 New. A pleasant change from the well-known single form, retaining its beauty of color while augmenting its effect of brilliance through the doubling of petals. Flowers are 1½ to 2 inches across, deep golden yellow and fine keepers when cut. Plants are easy to grow. Remarkably true, coming about 80% double. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.; ¼ oz., 85 cts.

Linaria, Fairy Bouquet

Gold Medal Winner, All-America Selections, 1934

3894 With the introduction of this charming new variety, Linarias have come into their own. Dwarfer and more compact than others, about 8 inches in height, very free flowering, covered with a mass of dainty, snapdragon-like flowers. Large color range. Pkt., 15 cts.; 1/64 oz., 25 cts.; 1/32 oz., 40 cts.; 1/16 oz., 75 cts.

Calendula, Sunshine or Chrysantha

Gold Medal Winner, All-America Selections, 1934

3387 A lovely, friendly newcomer. Distinctly different in flower formation. A clear, butter-cup yellow in color with loosely arranged petals, incurved at center and reflexed at edges, somewhat like a chrysanthemum. Flowers are mounted on strong, wiry stems a foot in length; excellent for cutting. Pkt., 15 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.; oz., $1.35.

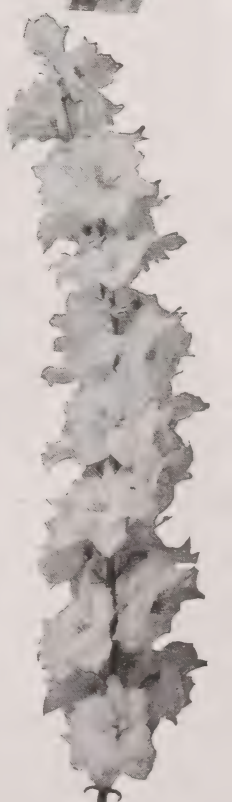
Dianthus Superbus, Loveliness

3633 New hardy garden Pink. Shaggy, finely fringed, sweet scented flowers of delicate rosy lilac. Plants are 12 to 15 inches tall, of branching habit and free flowering. Packets only 25 cts.

Anchusa, Annual Blue Bird

Special Mention, All-America Selections, 1935

3044 **Angustifolia capensis.** Annual variety of vivid indigo blue. Large drooping clusters of flowers. Very profuse bloomer. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.



Rosamond
Larkspur

Shasta Daisy, New Giant Double White

3609 Includes an assortment of various types of double flowers ranging from the most fully double fringed petalled sorts through semi-doubles to a type which, though single, forms unusual and beautifully shaped flowers with laciniated, curled and quilled petals. Perennial. Pkt., 25 cts.; 1/32 oz., 90 cts.; 1/16 oz., $1.75.

40c **Novelty Collection No. 2**
One packet of each variety pictured on this page—4 full sized packets in all. (Value 55 cts.)

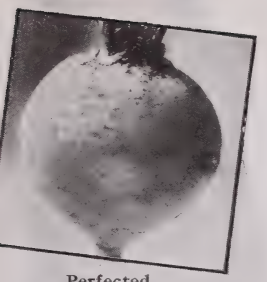
New Rosamond Larkspur

Gold Medal Winner, Selections, 1934

3858 New Stock Flowered variety; acclaimed the most distinct to be introduced in many years. The color is a new bright rose that holds well until out of bloom. This variety is two weeks earlier than others, exceptionally uniform, bearing numerous good spikes, heavily flowered. Pkt., 15 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz., 65 cts.

Complete flower cultural directions on page 15

Choice New Vegetables



Perfected Detroit Beet

"Perfected Detroit"—A New Beet

Award of Merit—All-America Selections, 1934

Very superior. Comes 90% true to the same shade of dark red and does not show white rings. Roots are globular, smooth and very uniform. Tops are medium and their compact attachment leaves a larger portion of the root edible. Excellent for canning and market use. 48 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

"Tendergreen"—A New Delicious Green Bean

Gold Medal Winner, All-America Selections, 1933

If you want something really exceptional, have this fine-flavored, tender and meaty, dwarf green bean in your garden this year. It is vigorous, productive and of finest quality. The light green pods are 6 to 7 inches long, round and entirely stringless. Just as good as its name indicates. 60 days. Large Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 3 lbs., 70c; 5 lbs., $1.15; 10 lbs., $2.00.

Tendergreen Beans

"Straight 8" Cucumber

Gold Medal Winner, All-America Selections, 1935

Under good conditions this new variety typifies its name, running quite straight, regularly eight inches long and about 2 inches in diameter. It is rounded at ends, nearly ideal dark green and almost devoid of objectionable stripings and pale tips. Vines are vigorous and productive. Pkt., 10c; ¼ oz., 15c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., $3.00.

Straight 8 Cucumber

New Hybrid Sweet Corn "Kingscrost"

Special mention, All-America Selections, 1934

New double cross between inbred strains of Golden Bantam (4 crosses). Especially noted for earliness, uniformity of maturity, eating quality and high yield. Ready for use 10 days earlier than ordinary Bantam. The ears are the same as Golden Bantam, about 6 inches long and 8 rowed, filled with broad, sweet, golden-yellow kernels. This variety is also resistant to Stewart's Wilt, which feature is highly important to both Home and Market Gardeners. Large Pkt., 15 cts.; ½ lb., 30 cts.; lb., 50 cts.; 2 lbs., 90 cts.; 3 lbs., $1.20; 5 lbs., $1.90; 10 lbs., $3.50.

Michigan Golden Celery

A new strain of self-blanching celery that is highly resistant to Fusarium Yellows. Type is intermediate between Golden Plume and Golden self-blanching. Stalks are somewhat longer than Golden Plume, about the same width. Highly recommended where "yellows" is prevalent but should not be used where other good standard varieties are successful. Pkt., 10 cts.; ¼ oz., 50 cts.; ½ oz., 80 cts.; oz., $1.50; ¼ lb., $5.50.

Michigan Golden Celery

Special Strain Golden Acre Cabbage

The earliest maturing variety. A sure header, very uniform, round as a ball, of medium size and stands well without bursting. Compact growth with short outer leaves permits close planting. Matures all heads at practically same time. Ideal for small garden; a money-maker for large gardeners. 50 days. Pkt., 10 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.80; lb., $6.00.

New Imperator Carrot

Award of Merit, All-America Selections, 1933

A new variety with sloping shoulders and semi-blunt end; 7 to 8 inches long. Has rich orange color with indistinct core. Bred for a market and shipping variety but fine for the home gardener. 77 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

BACK COVER OFFER

LIVINGSTON'S BEAUTY TOMATO. Our most popular purple. Fruits are large, smooth, rather flattened with small seed-cells and few seeds. The core is so small that it could be termed "coreless." Flesh is of excellent quality, being thick and firm. Excellent for slicing and salads. Illustrated in color on back cover. 70 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.

LIVINGSTON'S COLORITE CUCUMBER. A White Spine type characterized by its rich, dark green color extending well down to blossom end. 10 inches long, straight, smooth and cylindrical with medium blunt ends. Fine for home use and a good shipper. Illustrated in color on back cover. 70 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Special Strain Golden Acre Cabbage

Kingscrost Sweet Corn

Vegetable Collection No. 1

One packet of each variety pictured on this page—7 packets in all.

50c ppd.

Imperator Carrot

For Better Home Gardens

A New Radish "Glowing Ball"

Gold Medal Winner, All-America Selections, 1934

Here is a real improvement in Radishes as shown in our trials last year. It is a perfectly round, short top variety with bright fiery scarlet, silky skin suffused with orange. Very smooth, about 1 inch in diameter; has small thread-like tap-root. Flesh is white, crisp and tender. Very early and fine for forcing or outside growing. 25 days. Pkt., 5 cts.; oz., 10 cts; ¼ lb., 30 cts.; lb., 95 cts.

New Comet Radish

Award of Merit, All-America Selections, 1936

A new variety that is very promising for home gardens, market use and shippers. A cross between Scarlet Globe and Sparkler. Ball shaped, bright scarlet color with thin tap-root. Grows to larger size and remains crisp and solid long after other early varieties have become pithy. Very uniform. Pkt., 15 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $1.60.

New Marvelous Tomato

A High Quality, Wilt Resistant Pink Marglobe

To those who like a pink tomato but have had trouble growing it because of wilt, we are pleased to present the New Marvelous, the only pink wilt-resistant variety of merit. It is a vigorous grower and heavy cropper. Fruits are large, glossy rose in color, surprisingly free from cracks and of best quality. 62 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.60; lb., $5.00.

California Wonder Pepper

One of the most important market varieties and fine for home gardens. Large size with very thick flesh which is deliciously crisp, tender and sweet like the finest pimientos. Color is a brilliant dark green changing to crimson when ripe. Very uniform and smooth. Does best on heavy soil. 65 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.70; lb., $5.50.

Imperial No. 152 Head Lettuce

A new variety of the New York type and one of the surest heading lettuces of this group. Plants are of medium size with heads close to the ground. A cool weather sort and therefore should be grown for early spring or late fall maturity. Resistant to Brown Blight but susceptible to Tip Burn. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

Special Summer Savoy Spinach

A new strain of Bloomsdale type especially adapted to hot summer growing. It is heavier crumpled and blistered, noticeably darker green and longer standing than Long-Standing Bloomsdale. It does not grow as large and matures somewhat later. It is promising to prolong the season into summer. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

New Honey Rock Muskmelon

Gold Medal Winner, All-America Selections, 1933

A new, outstanding variety. About 6 inches through and as round as a ball. Ideal size for making two servings. Flesh is salmon, very thick, sweet and of excellent quality. A fine variety for home gardeners to try. 78 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Dixie Queen Watermelon

A remarkable new melon, destined to become a leader for home gardens, local market and shipping. Round with light and dark green stripes; uniform in size and appearance; size medium to large. Thin, tough rind; flesh bright scarlet, solid, of fine texture. Fewer seeds than any other variety. Vines very vigorous, prolific. Small white seeds. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

New Peerless Parsley

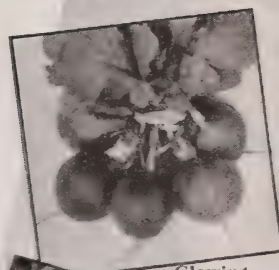
Award of Merit, All-America Selections, 1934

A very dark green, fine curled type, about 8 inches tall. Its important characteristics are hardiness and ability to hold its color into the winter. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

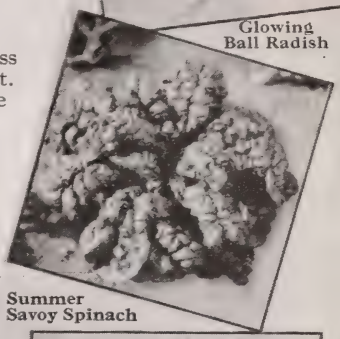
Vegetable Collection No. 2

One packet of each variety pictured on this page—7 packets in all.

30c ppd.



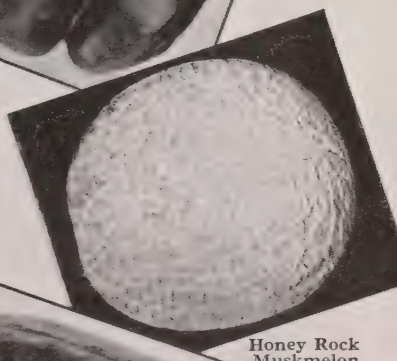
Glowing Ball Radish



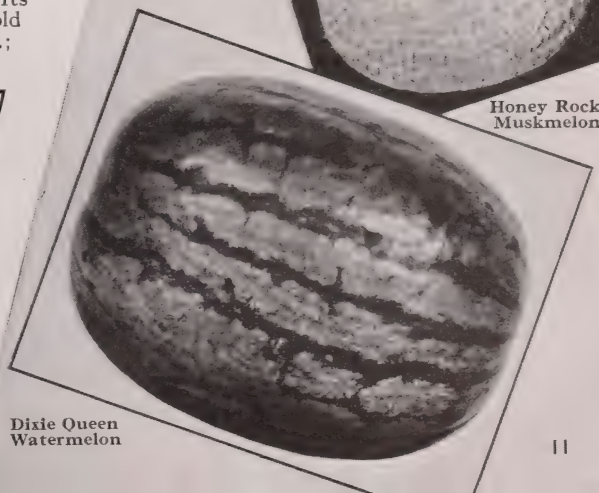
Summer Savoy Spinach

Marvelous Tomato

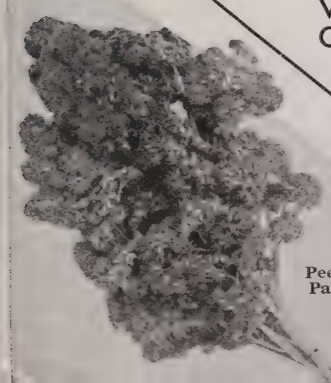
California Wonder Pepper



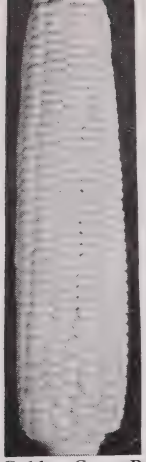
Honey Rock Muskmelon



Dixie Queen Watermelon



Peerless Parsley

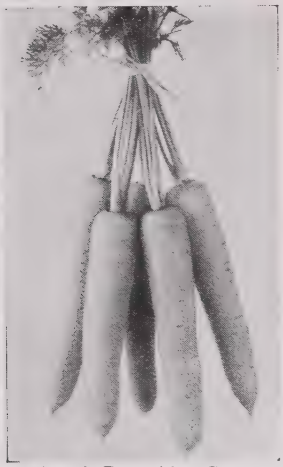


Golden Cross Bantam Corn

Marglobe Tomato

Orange Watermelon

Harris Early Giant Pepper



Morse's Branching Carrots

Phenomenal Celery

Riverside Spanish Onion

Good Vegetable Specialties

New Hybrid Sweet Corn, Golden Cross Bantam

We consider this the best Bantam Corn developed to date. It is remarkably resistant to "Stewart's Wilt" and therefore assures growers of better results. It is a heavy yielder, has very uniform stalks and ears and withstands adverse weather conditions. What more could you ask? 88 days. Large Pkt., 15 cts.; ½ lb., 35 cts.; lb., 60 cts.; 2 lbs., $1.10; 3 lbs., $1.50; 5 lbs., $2.40; 10 lbs., $4.50.

Marglobe—A Wilt and Nailhead Resistant Tomato

Produced by crossing our Globe with other varieties. In reality it is a resistant Globe with a bright red color. It is quite early, large size, almost round and very productive. If you are bothered with wilt, Marglobe should prove highly satisfactory. We grow the seed we offer. 60 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $4.50.

Livingston's Orange Watermelon

May be considered a novelty, its peculiarity being that when ripened the inner core separates from the rind and by careful cutting of the rind only the entire heart can be lifted out of its shell. Inner portion resembles an orange after peeling, hence the name. Flesh is a beautiful pink shade, very sweet and delicious. 78 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Harris Early Giant Pepper

Produces more large peppers and produces them earlier than any other variety, making it valuable for both home and market gardens. Vigorous plants covered with fruits 4 in. long by 3 in. through, having thick flesh and very sweet, pleasant flavor. 52 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $4.50.

Morse's Bunching Carrot

Gold Medal Winner, All-America Selections, 1934

Developed as a market bunching variety but equally as good for home use. Tops are short and rather coarse but strong. Roots are 8 inches long, cylindrical and well stumped. Color is a deep orange. An excellent sort for home gardeners to try. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Golden Phenomenal Celery

A newer variety noted for its tall edible stalks which are very thick, crisp and fine flavored. A compact grower with well developed, full hearts. Easy to blanch and recommended for home growing. Pkt., 10 cts.; ¼ oz., 40 cts.; ½ oz., 65 cts.; oz., $1.10; ¼ lb., $3.25.

Riverside Sweet Spanish Onion

An improved strain of the popular Sweet Spanish Onion so highly prized for its mild and delicious flavor. Globe-shaped; attractive yellowish-brown skin; fine keeping qualities. Early spring sowing will produce onions one pound or more in weight. Home gardeners will find it easy to grow. 100 days. Pkt., 5 cts.; ¼ oz., 10 cts; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.75.

Hungarian Long Slim Pepper

A waxy canary yellow in color turning to crimson at maturity. 5 to 6 inches long, rather slender, tapering to a somewhat twisted point. Very prolific and pungent. 53 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.70.

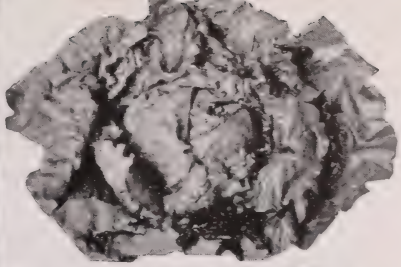
Yellows-Resistant Wisconsin Ballhead Cabbage

A new development in cabbage, answering the demand for a resistant late storage variety that will mature somewhat earlier and is not so coarse as those now offered. Comes 80% to 100% resistant and is more uniform than any other of its type. 91 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.55; lb., $4.75.

Complete listing of vegetables beginning with page 44

Ostrich Plume Long Standing Mustard

Livingston's Globe Tomato



New York No. 12 Lettuce
A sure heading variety for home gardeners.

Longfellow Cucumber
Long, slender, dark green variety. Ideal for slicing.

For Particular Home Gardeners

Ostrich Plume Long Standing Mustard

Gold Medal Winner, All-America Selections, 1935

A selection from Southern Giant Curled having remarkable long standing qualities, as much as 10 days to 2 weeks longer than others. Leaves look like Ostrich Plumes, are finely crimped and curled as shown in illustration above and are of a bright green color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb. $1.00.

Livingston's Globe Tomato

Introduced by us in 1905. Fine for home-garden use. Bears early and until frost. Fruits are large, smooth, with firm flesh. Color, a glossy pink. Quality fine, being mild, pleasant and of delicious flavor. Almost blight-proof. Seed is grown by us. 65 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.45; lb., $4.25.

"New York No. 12" Lettuce

A new strain of New York head lettuce. The most sure to head of any. Perfectly round heads that grow to large size; very crisp and tender. Prefers cool weather and well-fertilized soil. Matures early. 60 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz. 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Longfellow Cucumber

An excellent, long, slender, dark green variety that is ideal for the private and market gardener. It measures 12 to 14 inches long by 2½ inches in diameter and is straight. A good healthy grower, very productive and fairly early. For a large slicing variety, you should grow Longfellow. 74 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Mailable Insecticides and Fungicides

You should plan ahead to protect your crops from insects and plant diseases. Delay or neglect of only a few days often means the loss of a crop or serious injury and your garden does not provide all that it should for the labor and expense invested. We give a **"Spraying and Dusting Calendar"** on page 85 and offer below Insecticides and Fungicides which we can highly recommend for their specific purposes.

ALL PRICES QUOTED HERE ARE POSTPAID

ANT GAS, Hammond's. Destroys ants and moles. See Page 27.

ARSENATE OF LEAD (dry). A poison for all chewing insects and worms. Lb., 35 cts.; 4 lbs., 75 cts.

ARSENATE CALCIUM (dry). For chewing insects, especially on beans and vine crops. Used with Hydrated Lime or Land Plaster as a dust. Lb., 25 cts.; 4 lbs., 65 cts.

BLACK LEAF 40. Well-known spray for Aphis and other sucking insects; also used for delousing poultry. Oz., 40 cts.; 5 oz. bottle, $1.10.

BORDEAUX MIXTURE (dry). General control for fungus diseases of trees, fruits and vegetables in the garden or seed bed. One pound makes about 6 gallons of spray. Lb., 35 cts.; 4 lbs., 75 cts.

FORMALDEHYDE DUST, Hammond's. Controls seed-borne diseases and sterilizes soil. See Page 18.

GRAPE AND ROSE DUST, Hammond's. Sulphur preparation for the control of Fungus Diseases; Black Spot, Mildews, Rusts, Rots, etc., on flowers and vegetables. Lb. can, 50 cts.

LIME SULPHUR (dry). Makes best dormant spray for fruit and ornamental trees, shrubs, cane berries, etc. Controls scale insects and certain fungus diseases. Lb., 45 cts.; 5 lbs., $1.65.

LIQUID SLUG SHOT, Hammond's. For all chewing and sucking insects on both flowers and vegetables. Concentrated extracts of stabilized rotenone and pyrethrum, carrying its own spreader and adherent. Oz., 40 cts.; 6 oz., $1.10.

NURSERY VOLCK. Conceded to be the most effective spray for Red-Spider control known; also for White Fly, Aphis, Thrips, Mealy Bugs, Mildew and Rusts. ½ pt., 40 cts.; pt., 70 cts.; qt., 90 cts.

NICOTINE PYROX. All around combination spray for insects and diseases in general. Highly recommended for the vegetable garden. 10 oz. bottle, 50 cts.; lb. bottle, 65 cts.

PYROX. Fine spray for fruits, vegetables and flowers. Kills chewing insects, prevents blights, r ts and stimulates foliage all in one. 1 lb. makes 5 to 6 gallons of spray. Lb. bottle, 60 cts.

RED ARROW. Effective and safe Pyrethrum spray for flowers and vegetables. Destroys both chewing and sucking insects, including Red-Spider and Mexican Bean Beetles. Oz., 40 cts.; 4 oz., $1.10; pt., $2.60.

STABILIZED ROTENONE DUST No. 75. Contains ¾ of 1% stabilized Rotenone. Intermixed with special inert carrying agent. Goes through duster or sprayer freely. Controls all chewing insects on vegetables, flowering plants and trees. Harmless to persons. Lb., 35 cts.; 5 lbs., $1.25.

NICOTINE POMOGREEN. Leaf-green dust or spray. Controls many diseases and sucking insects. Highly recommended for Roses. Lb. can, 85 cts.

SEMESAN. Can be applied in either dry or liquid form to prevent or control effectively a most diversified variety of diseases borne by seeds, seed-pieces, plants and soils. Harmless to plant life. 2 oz., 50 cts.; lb., $2.50.

SEMESAN BEL. An excellent dust or water-mixture disinfectant for controlling diseases and increasing yields of seed potatoes and other tubers. 1 lb. treats 60 bushel of potatoes. 4 oz., 50 cts., lb., $1.65.

SEMESAN JR. Disinfectant for seed, sweet and field corn. See Page 55.

SLUG SHOT DUST, Hammond's. Recommended for Potato Bugs, Cabbage Worms and all other chewing insects in the vegetable garden. Non-poisonous to persons. Lb., 35 cts.; 5 lbs. $1.25.

THRIP JUICE. Nicotine and Fish Oil soap concentrated insecticide for controlling Thrips, Red Spider, Mealy Bug, etc. Can be used on most delicate plants without injury. ½ pt., 40 cts.; pt., 70 cts.; qt., $1.50.

Feeny Dust Gun. Best duster we have ever sold. See Page 83.

Use Livingston's "True Blue"

How to Succeed with Flowers

Demand Quality Seed

Your success with flowers depends largely upon the quality of the seed you buy and the proper method of growing the plants. There is a difference in the germinating and productivity qualities of flower seeds. If the amount you invest in flower seeds is invested in quality rather than quantity, there is no doubt but that you will have better success.

We both know that seed cannot be exempt from all blame for poor results. The most common cause of failure with flowers is the lack of knowledge in properly growing and caring for seedlings. Being successful is easy if you know a few fundamental principles.

Annuals bloom the same year and die and can usually be started from seed sown directly in the garden. Biennials generally do not bloom until the second season, then die. Perennials are hardy, endure winter weather and start blooming the second season in the spring.

Throughout the flower seed section we have endeavored to give you enough information about each variety offered so that you may know whether it is an annual (**a**), biennial (**b**), perennial (**p**), etc. (See key to symbols on opposite page.) We also give its height, whether it prefers sun, partial shade or shade, blooming period in months, where it can be used to best advantage and its proper culture (see opposite page), including the depth to sow the seed.

Useful Garden Accessories

Throughout this book you will find listed various Garden Accessories in which you may be interested. All practical and useful. A leader is listed below.

National
Eezy Wear
Garden Gloves

A new type of glove especially designed for garden wear. Gives finger freedom and complete protection. Economical, too, for they will outwear six pairs of ordinary fabric gloves.

Keeps Your Hands in "Party" Condition
ALL LEATHER—SOFT AS KID
DIRT-PROOF DURABLE WASHABLE
Women's Sizes
Small (5½ to 6½) Medium (6½ to 7½)
Large (7½ to 8½)
Men's Sizes
Medium (9 to 10) Large (10 to 11)
Pair 75c; 2 Pair $1.40 Postpaid

Sowing Seed in the Garden

After frost is out of the ground it should be dug and broken up to a depth of at least 9 inches, mixing in plant food if necessary. Pulverize the top soil well and sow the seed evenly, covering as directed herein. Keep the soil at as even moisture as possible until the little plants appear. Thin or transplant as necessary to prevent crowding. Water thoroughly every few days instead of a light sprinkling every day and cultivate often to keep down weeds and to retain moisture in soil.

Growing Seedlings Inside

The ideal box for growing both flower and vegetable seedlings is a window flat about 3 to 4 inches deep. For a few plants, any shallow box (cigar box) will do. In any event, place holes in the bottom for drainage. Fill to a depth of 1 inch with cinders or gravel, and the remainder with good, well sifted garden loam to within ¼ inch of the top and firm down.

Place the box in a pan of water and let the water be absorbed from the bottom until the top soil shows moist. Let the surplus water drain out of the bottom after which sow the seed to depth as given under each variety heading. Place the box in a window, preferably with southern exposure, and cover top with glass or heavy paper. Turn this cover several times a day to prevent moisture forming. As soon as the seeds have germinated, remove the cover. Give the seedlings as much air and sunshine as possible but shade them from the noon sun if it is extremely hot. After the plants are well up, keep them cool rather than warm, and grow them slowly. The soil should be kept moist but not wet. This should be done with bottom moisture as above. Before the plants are transplanted into the garden, they should be hardened off. On mild days expose them to the outdoors and they will soon be able to stand the outside weather without injury.

All perennial flowers can be started in these same boxes, but with fresh soil, except that the box is placed outdoors in a cool, shaded location.

The Cause of "Damping Off"

"Damping off" and Rots of seedlings are actually caused by living germs that live in the soil. If the seedlings are not killed before they emerge they are attacked again at the soil level and topple over and die. Attention to proper moisture, ventilation and transplanting to prevent overcrowding tends to decrease this disease. The most successful way of combating it is to sterilize the soil with Formaldehyde Dust. (Offered on page 18.)

Livingston's Serial Picture Story

Livingston's Serial Picture Story is a picture proof of how "True Blue" Seeds have attained a high standard of quality and how that standard of quality is maintained. We are one of the few seedsmen who operate big trial grounds where the seeds offered for sale are tested under actual growing conditions the same as exist in the gardens of our customers. These results are used in selecting strains that are offered in this catalog.

Below, on this and the opposite page, are several pictures of portions of our flower trial grounds. The first is a general view showing how various strains are lined out and marked so that written data can be obtained for future reference. The second picture is of a

Continued on opposite page.

Flower Seeds for Best Results

Cultural Directions for Flowers

ALL SEED Delivered Free Anywhere in the United States Proper **See Page 3**

Under each flower variety heading on the following pages you will find keyed references which refer to the information given below. These keys indicate whether the variety is an annual, perennial, etc., and what culture it takes. The depth to sow the seed is also given. This same information is given on each packet we send you. The depth you sow the seed is very important. Lack of this information has been a common cause of failure with flowers. We hope the simplified way we tell you "how" contributes to your success with flowers this year.

KEY TO SYMBOLS

- *a* **Annuals.** Attain full growth from seed in one year, bloom and die.
- *b* **Biennials.** Generally bloom second year, then die. Some planted early, bloom same year.
- *p* **Perennials.** Endure winters. Live and bloom several seasons.
- *ra* **Rock-Garden Annual.** Usually of dwarf growth.
- *rp* **Rock-Garden Perennial.** Hardy, dwarf growth.
- *h* **House Plants.** Mostly grown inside the year around. Some bloom outside in summer.
- *ca* **Climbing Annual.**
- *cp* **Climbing Perennial.**

Culture A.—Sow seed inside in shallow box of light, well pulverized, moist soil in early spring. Cover to depth as indicated under variety heading herein and firm soil with board. Cover box with glass or paper and place in warm location until germination. After germination, remove cover, supply bottom moisture and place in sunny window. When large enough to handle, thin or transplant 2 inches apart in other boxes and gradually expose to outside conditions. Plant outside after danger of frost. This seed may also be sown outside in the garden in well pulverized soil after frost.

Culture B.—Sow seed outside in well pulverized soil after the last killing frost. Cover to depth indicated under variety heading herein, firm soil and keep moist. Thin or transplant as necessary. If earlier bloom is desired, sow seed inside in shallow box of light, well pulverized, moist soil in early spring. Cover to proper depth and firm soil. Cover box until germination, after which remove cover, supply bottom moisture and place in sunny window. Thin or transplant to other boxes and plant outside after frost.

Culture C.—Sow seed thinly outside in the garden in well pulverized soil after last killing frost. Cover to depth indicated under variety heading herein, firm soil and keep moist. Thin out as necessary so that plants are not crowded. It is best to sow this seed where the plants are to remain as they do not transplant very successfully.

Culture D.—Sow seed outside in early spring as soon as the soil can be well pulverized. Cover to depth indicated under variety heading herein, firm soil and keep moist. Thin or transplant as necessary. For very early bloom, sow outside in late fall just before freezing weather, or can be started quite early inside in box as in culture A and transplanted outside after frost.

Culture E.—Sow seed inside in shallow box of well pulverized moist soil, preferably during spring months. Cover to depth indicated under variety headings herein and firm soil with board. Cover box and place in warm location until germination, after which remove cover, supply bottom moisture and place in sunny window. When large enough to handle, transplant to pots and shift to larger pots as necessary.

Culture F.—Sow seed inside in shallow box of light, well pulverized, moist soil in late winter. Cover seed to depth indicated under variety headings herein and firm with board. Cover box until germination, after which supply bottom moisture and place in sunny window. When large enough to handle, transplant 2 inches apart in other boxes and plant outside after frost is out of the ground. For earlier blooms, sow seed in fall, carry over in cold frame and plant out in spring. June sown seed will bloom in fall.

Culture G.—Sow seed inside in shallow box of well pulverized, moist soil in early spring. Cover to depth indicated under variety headings herein and firm soil. Cover box until germination, after which supply bottom moisture and place in sunny window. When large enough to handle, transplant 2 inches apart in other boxes. When 2 to 3 inches high, shift to pots or can be planted outside after frost.

Culture H.—Sow seed inside in shallow box of well pulverized, moist soil in early spring. Cover seed to depth indicated under variety headings herein and firm soil. Cover box until germination, after which supply bottom moisture and place in sunny window. When plants are large enough to handle, transplant 2 inches apart in other boxes. Plant outside after frost. In the fall take up roots and store in cool, dry place. Seed can also be sown outside after frost.

Culture J.—Sow seed thinly in shallow box of well pulverized moist soil after frost and any time up to August or September 1st. Cover seed to depth indicated under variety headings herein and firm soil with board. Place in cool, shaded outdoor location; after germination, supply bottom moisture. Thin as necessary and transplant to permanent location when large enough to handle. Give protection the first winter. This seed can also be sown in the fall as above, transplanted into cold frames where it is carried through the winter, and planted out in the spring.

Culture K.—Sow seed thinly outside in well pulverized soil in early spring and any time during summer. Cover seed to depth indicated under variety headings herein, firm soil and keep moist. Thin out as necessary. Seed should be sown where plants are to remain as they do not transplant very successfully. Provide protection the first winter. Usually do not bloom until second season.

FREE 10 Cent Value With Each $1 Purchase of Flower and Vegetable Seeds

Here is a Gift Offer for both old and new customers. For complete details as to how to qualify for this gift see page 2.

"MY POCKET GARDEN GUIDE"

FREE upon request, with orders amounting to $1.50 or more. This handy Garden Guide is fully described on page 2. For complete details as to how to qualify for this gift see page 2.

Livingston's Serial Picture Story — Continued from opposite page.

field of Livingston's "Yellow Supreme Marigold," (Gold Medal Winner, All-America Selections, 1935) being grown for seed. The third picture is of a block of several popular varieties of Salvia from which was harvested most of the seed we are offering this year. The last picture at the left is of the extensive Petunia trials, consisting of more than 25 varieties.

Below are several other flower trial views. First, the new wilt-resistant Asters which are again putting Asters into the average garden. Next is our Zinnia trials, showing the flower seed manager taking notes. The third is of a block of Celosia. The last is an aerial view of "Living Stone" rock garden where various rock plants, seeds of which we sell, are tested.

Continued on page 29

ASTERS

Left
Early Beauty Wilt-resistant Asters

Right
Giant of California Sunshine Aster

Aster Culture

Culture A (Page 15). Sow seed ⅛ inch deep. Hgt. 15 to 30 inches. Sun or partial shade. They can be grown in any ordinary soil but do best in rich, well-drained soil. Set early varieties 10 inches apart and later ones 15 to 18 inches apart.

Aster Cultural Leaflet Free on Request

Try Our New Wilt-Resistant Strains of Asters

The most pretentious Aster improvement ever accomplished and a boon to the amateur gardener. While Aster Wilt (Fusarium Wilt) in recent years made it almost impossible to obtain any degree of success, these new strains should again give the Aster its deserved place in the flower world.

They are practically immune to wilt but are not resistant to "Yellows." Many customers have written us concerning their success with them the last two seasons. This year we have added some more new colors. Please note that all varieties that are wilt-resistant are so indicated directly following the variety name.

Wilt-Resistant Asters BIG 3 COLLECTION

The original reason we offered this wilt-resistant collection was to give everybody the opportunity to try these new Asters and have an abundance of them. Itwas so enthusiastically accepted that we are repeating it again.

Pkt. Semple's Wilt-Resistant, Mixed
Pkt. Early Beauty Wilt-Resistant, Mixed
Pkt. Crego Wilt-Resistant, Mixed

3 Packets 25 cts.

New Giant of California Sunshine

3320 **Sunshine, Mixed.** A most attractive new type which has been rightly called the most beautiful Aster in the world. The large flower, 4 to 5 inches across, with its loosely placed, twisted and quilled petals surrounds a cushion center of tiny quills of a contrasting color. Plant, 2 to 3 feet tall. (See illustration above.) The strain is not entirely fixed but comes 60 to 65% true. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz. 45 cts.

Early Beauty—Wilt-resistant Strain

The plants are of very strong, vigorous growth, from 2½ to 3 feet high. The large flowers, of Semple type, borne on long stiff stems, bloom in early August and last until frost.

3181 **White** 3182 **Lavender**
3183 **Crimson** 3184 **Purple**
3185 **Azure Fairy** 3187 **Sept. Beauty,** pink

Any one above: Pkt., 10c; 1/16 oz., 25c; ⅛ oz., 45c.

COLLECTION: One pkt. each above 7 colors, value 70 cts. **60c**

3188 **MIXED.** Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.; ¼ oz. 85 cts.

Giant Ostrich Plume—Wilt-resistant Strain

A very large-flowering class, the blooms of which resemble the Giant Comet Asters, as they have the same curled and twisted petals. Height 2 feet.

3263 **White** 3264 **Deep Rose** 3265 **Crimson** 3267 **Pink**
3266 **Dark Blue** 3268 **Azure Blue** 3269 **Peach Blossom**

Any one above: Pkt., 10c; 1/16 oz., 20c; ⅛ oz., 35c.

COLLECTION: One pkt. each above 7 colors, value 70 cts. **60c**

3270 **Mixed.** Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz., 65 cts.

Spraying and Dusting Calendar—Page 85

If You Enjoy Growing Asters Try Our Wilt-resistant Strains

Wilt-resistant Crego Aster

Imp. Giant of California Aster

Improved Crego—Wilt-resistant Strain

An improved, wilt-resistant strain of this fine old, popular type. Flowers are large, double and have long, narrow, gracefully curled and interlacing petals as shown in photograph above. Plants are robust, branching, about 2½ feet tall. Blooms from late August to late September.

3241 **White** 3242 **Rose** 3243 **Pink** 3244 **Violet**
3245 **Purple** 3246 **Crimson** 3247 **Azure Blue**
Any one above: Pkt. 10c; 1/16 oz., 25c; ⅛ oz., 40c.

COLLECTION: One pkt. each above 7 colors, value 70 cts. **60c**

3248 **MIXED.** Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

3238 **Blue Flame.** **An entirely new wilt-resistant Crego Aster.** A bright navy blue, distinct from any other blue or purple Aster now offered. Has large, comet type, fully double flowers on branching plants. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

3300 **Truffaut's Peony-Flowered.** **Mixed Colors.** Improved strain of this grand Aster. Large, perfectly double flowers from July to frost. Height 2 feet. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.

Golden Sheaf—Wilt-resistant Strain

3295 *New.* The deepest yellow aster yet offered and the only one that is wilt-resistant. The flowers are fully double with crest-like center, of good substance and depth of petal. Illustrated and more fully described on page 9. Pkt., 15 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.

3315 **Aurora.** A splendid free-flowering Aster with large flowers, quilled centers and outer band of broad petals. Color is blue with yellow center. Height 2 feet. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.

All-America Flower Selections, pages 6-7.

Giants of California

Improved. This Aster bids fair to become a universal favorite. Characterized by the well-known Crego type of flower, combined with the Beauty Aster's long, non-lateral, branching stems, the California Giants, double type Aster, stands at the head of the list. Florists are demanding these for their discriminating trade, while those who demand the finest for their gardens also choose them. The plants reach a height of 3 feet, blooming from July to frost.

3130 **White** 3134 **Deep Rose**
3132 **Light Blue** 3136 **Dark Purple**
Any one above: Pkt., 10c; 1/16 oz., 25c; ⅛ oz., 45c.

COLLECTION: One pkt. each above 5 colors, value 50 cts. **35c**

3140 **MIXED.** Above and others. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 70 cts.

New Super Giant Los Angeles

3125 **Award of Merit, All-America Selections, 1934.** First of a new race of giant Asters (6 to 8 inches). Similar to above but earlier, deeper, full centered with unusually curled and interlaced petals. Shell pink in color. Illustrated on page 8. Pkt., 25 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.; ¼ oz., $1.00.

3310 **Lilliput Flowered.** FINEST MIXED. Abundance of small flowers in a large color range. Fine for cutting. Plants 14 to 16 inches high. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 75 cts.

Livingston's Superb Mixture of Giant Asters

A magnificent mixture, producing beautiful flowers, gigantic in size, gorgeous in color, perfect in form.

3330 **This mixture includes the cream of all the Asters** of the most beautiful forms and colors. It has been especially selected from the finest, large-sized, double-flowering types. **Pkt., 15 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.; oz., $1.50.**

Asters—Continued

Semple's Giant Late Branching Aster

King—Wilt-resistant Strain

Similar to the branching type. About 2½ feet high with long, stiff stems. Has distinct type of flower; round, full and very large, many measuring 4 to 5 inches in diameter. Petals resemble quilled varieties but are longer and broader.

3222 **King White** 3224 **Peach Blossom**
3225 **Crimson** 3226 **Blackish Blue**

Any one above: Pkt. 10c; 1/16 oz., 20c; ⅛ oz., 35c.

COLLECTION: One pkt. each above colors, value 40 cts. **30 cts.**

3228 **MIXED.** Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz. 65 cts.

3294 **PEERLESS YELLOW.** Midway between Cregos and Late Branching varieties. A beautiful yellow flower with centers covered with curled and twisted florets. A vigorous branching type. Considered the best yellow. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Hardy Aster (Michaelmas Daisy)

Native wild Asters are ideal for the hardy border or rock garden. They supply masses of dainty and bright colors.

3335 **Alpinus, Mixed.** Culture J; sow seed ⅛ in. deep; height up to 15 inches. Pkt. 15 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.; ¼ oz., $1.00.

Semple's Giant Late Branching Wilt-resistant Strain

Comes into bloom from one to two weeks later than most others but is at the head of the list for both home-gardeners and florists because of its large size, fine stem, beauty of form and color. The Chrysanthemum-like bloom is at its best in September. Plants are 2½ to 3 feet tall, vigorous, strong and very branching.

3161 **Pure White** 3162 **Shell Pink**
3163 **Azure Blue** 3164 **Purple** 3165 **Crimson**
3166 **Light Rose** 3167 **Peach Blossom**

Any one above: Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 70 cts.

COLLECTION: 1 pkt. each above 7 colors, value 70 cts. **60c.**

3168 **MIXED.** Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 70 cts.

Improved Queen of the Market Wilt-resistant Strain

Two to three weeks earlier than most others, blooming in early July. Shape is similar to Semples; branching habit; height 1½ feet. Useful for cutting and early market.

3203 **Crimson** 3204 **Dark Blue** 3205 **Scarlet**
3206 **White** 3207 **Flesh Pink**

Any one above: Pkt., 10c; 1/16 oz., 20c; ⅛ oz., 35c.

COLLECTION: One pkt. each above 5 colors, value 50 cts. **40cts.**

3208 **MIXED.** Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz., 65 cts.

3297 **Sensation—Wilt-resistant.** The darkest red of all Asters. Flower is fully double, averaging 3 inches in diameter. The plant is of the true branching type and about 1½ feet high. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.; ¼ oz., 85 cts.

3291 **Heart of France—Wilt-resistant.** The best pure red ever introduced. The flowers are large and full with no trace of hollow center. The plants are of the branching type and very robust. Blooms come quite early and continue for a longer period than most others. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Stabilized Formacide Dust

CONTROLS "DAMPING OFF" OF SEEDLINGS

A safe, economical, easy to apply treatment for flower and vegetable seedlings. Controls seed borne diseases and sterilizes soil in one operation. Full directions on can.

½ lb. 60c.; lb. $1.00 Postpaid

Our Garden Club Aster Special

Livingston's Exhibition Aster Collection 7 Pkts **50c**

All Wilt-Resistant Varieties

One packet each, **Semple's Giant Branching, Mixed; Giant Ostrich Plume, Mixed; Crego, Mixed; Queen of the Market, Mixed; Early Beauty, Mixed; King, Mixed; Sensation.** Most complete assortment of early, medium-early and late Asters it is possible to offer at such a price.

Would cost 70 cts. purchased separately

A planting of wilt-resistant Asters as grown by Mrs. Clifford and Mrs. Mantor, showing possibilities of this collection.

Alyssum (Page 20), Asters also on pages 16 and 17

Antirrhinums (Snapdragons) a-p

Culture D (Page 15). Sow seed 1/16 inch deep. Hgt. 1 to 2 ft.; sun or partial shade. Fine for cutting and garden decoration. Combines well with Lupines and Dianthus.

Giant-Flowered Maximum.

Far surpasses anything yet introduced. Slightly taller than the Majus group. Flowers are of magnificent size, closely placed on long stems. Slightly variable in size and color. (See illustration at right.)

3050 **Old Gold.** Deep golden yellow.
3052 **Canary Bird.** Canary-yellow.
3054 **Purple King.** Deep purple.
3056 **Copper King.** Copper-scarlet.
3058 **Ruby.** Rich, velvety ruby-red.
3060 **The Rose.** Begonia-rose.
3062 **Snowflake.** Pure white, yellow lip.

Any one above: Pkt., 15 cts.; 1/16 oz., 25 cts.; 1/8 oz., 40 cts.

COLLECTION: One pkt. each above 7 colors; value $1.05 85c.

3070 **Livingston's Giant-Flowering Maximum Mixed.**

Every desirable color and shade is in this class. Individual flowers and flower-spikes are of great size. Pkt., 15 cts.; 1/8 oz., 35 cts.; 1/4 oz., 65 cts.

3072 **LARGE-FLOWERING MAJUS, MIXED.** An elegant assortment of innumerable rich colors and shades. Pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 40 cts.

New Rust-Proof Snapdragons

Certificate of Honor, All-America Selections, 1935

Rust has discouraged the growing of snapdragons greatly in recent years. After 8 years' work there has been developed rust-proof varieties which will give snapdragons the popularity they deserve. Tests show they are 75% rust proof, having clean, healthy foliage. Illustrated in color, inside front cover.

3087 **PEARL.** (Maximum Type.) Glistening white. Extra large blooms and spikes. Pkt., 15 cts.; 1/32 oz., 75 cts; 1/16 oz., $1.15.

3088 **CRIMSON.** (Maximum Type.) Pure crimson over-laying a ground of orange. Dark green foliage. Pkt., 15 cts.; 1/32 oz., 75 cts.; 1/16 oz., $1.15.

3089 **RUST-PROOF MIXTURE.** Wonderful range of popular colors. Pkt., 15 cts.; 1/32 oz., 55 cts.; 1/16 oz., $1.00.

Greenhouse Forcing Snapdragons

3076 **GENEVA PINK.** Has spikes of large, beautiful, glistening rose-pink flowers. Pkt., 20 cts.; 1/32 oz., 35 cts.; 1/16 oz., 65 cts.

3077 **CEYLON COURT (Majus Type).** Beautiful canary yellow. Pkt., 25 cts.; 1/32 oz., 60 cts.; 1/16 oz., $1.10.

3079 **CHEVIOT MAID SUPREME.** Improved clear pink. Pkt., 25 cts.; 1/32 oz., 75 cts.; 1/16 oz., $1.40.

3080 **JENNIE SCHNEIDER. (Nanum Grandiflora Type).** A Beautiful, new rose-pink, early forcing variety. Pkt., 25 cts.; 1/32 oz., 40 cts.; 1/16 oz., 75 cts.

3082 **AFTERGLOW.** Deep golden bronze. Pkt., 25 cts.; 1/32 oz., 50 cts.; 1/16 oz., 85 cts.

3085 **GREENHOUSE VARIETIES, MIXED.** Pkt., 25 cts.; 1/32 oz., 60 cts.; 1/16 oz., $1.15.

Dwarf Snapdragons For Your Rockery

3074 **Rock Hybrids.** *r* Early-flowering dwarf hybrids, 6 inches tall. Compact bushes. Pkt., 15 cts.; 1/16 oz., 25 cts.; 1/8 oz., 40 cts.

3086 **Majestic.** *r* **Mixed.** A new type of semi-dwarf growth, but having flowers of giant size. Pkt., 25 cts.; 1/32 oz., 40 cts.; 1/16 oz., 75 cts.

Giant-Flowered Snapdragons

Excelsior Weeder

Very useful for weeding seed-beds, stirring soil in hot-beds, cold frames, etc.

25c postpaid

StimUplanT

Makes a Wonder Garden

Fertilizer in tablet form. Fine for pot plants, flowers, shrubs and vegetables.

Packet, 10c; 30 tablets, 25c; 100 tablets, 75c; 500 tablets, $2.50; 1000 tablets, $3.50, postpaid.

Ageratum

Ageratum a

Culture B (Page 15). Sow seed 1/16 inch deep. Hgt. 4 to 8 in.; sun; profuse bloom from July to frost. Splendid for edging, cutting, rock-gardens, house plants, and porch boxes.

3020 **BLUE CAP.** New. Larger flowers and deeper blue than others. Very dwarf and compact. Pkt., 15 cts.; 1/16 oz., 35 cts.; 1/8 oz., 60 cts.

3012 **PERFECTION BLUE.** Deep amethyst-blue. Compact growth, 8 inches high. Pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 40 cts.

3014 **Little Blue Star.** Dwarf, bushy growth, bright blue flowers. Pkt., 15 cts.; 1/16 oz., 30 cts.; 1/8 oz., 55 cts.

3016 **Mexicanum.** Lavender-blue. 1 1/2 ft. Pkt., 10 cts.; 1/8 oz., 20 cts.; 1/4 oz., 35 cts.

3018 **FINEST MIXED.** All the best varieties. Pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 40 cts.

Anchusa a

Culture A (Page 15). Sow seed 1/16 inch deep. Compact plant; 2 ft. high. Combines well with Coreopsis, lanceolata.

3044 **Angustifolia Capensis, Blue Bird.** Vivid indigo blue flowers in drooping clusters. Pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 40 cts.

Mrs. Rose M. Steel, Ramsey Co., Minn., writes: "*Yes, indeed, your seeds and your service have been more than satisfactory.*"

Mrs. Scott Elliott's Long-spurred Aquilegia

Aquilegia (Columbine) *p*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 1½ to 2 ft.; moist, partially shaded location; blooms May to July and leaves handsome foliage to assist other less fortunate blooms. Ideal for bedding and cutting.

3090 **Mrs. Scott Elliott's Strain of Long-spurred Hybrids.** Most popular variety. Extra large blooms with very long spurs. Colors range through most harmonious number of shades fitted for any garden plan. Pkt. 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 65 cts.

3092 **LONG-SPURRED SINGLE HYBRIDS.** Large brilliantly colored, long-spurred flowers ranging through every conceivable shade. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

3100 **Chrysantha.** Clear yellow. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

3102 **Caerulea.** *r* Rocky Mountain Blue Columbine. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

3096 **Double Varieties, Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3098 **Single Varieties, Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Anagallis *ra*

Culture B (Page 15). Sow seed ⅛ inch deep. Hgt. 6 to 9 in.; prefers sun; blooms from June on. Sometimes called "Poor Man's Weatherglass" because the flowers close at approach of bad weather. Excellent for border and rock-garden.

3038 **Blue Bird.** Turquoise-blue. Spreading plant and free bloomer. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3039 **Mixed.** Blue and scarlet. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Asparagus *h*

Culture E. Soak seed over night, sow ½ inch deep. House plants.

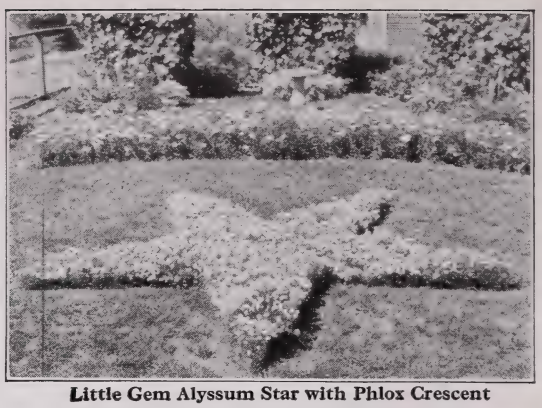
3116 **Plumosus nanus.** (Climbing Lace Fern.) Half-hardy. Pkt. 15 cts.; 100 seeds 40 cts.

3118 **Sprengeri.** (Emerald Feather.) Minute rose flowers. Grows freely. Pkt. 10 cts.; 100 seeds 30 cts.

Arabis (Rockcress) *rp*

Culture J (Page 15). Sow seed ⅛ in. deep. Hgt. 12 in.; sun; blooms in April. Fine for dry wall.

3108 **Alpina.** Pure white flowers. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.



Little Gem Alyssum Star with Phlox Crescent

Alyssum *a-p*

Culture B (Page 15). Sow seed 1/16 inch deep Hgt. 6 to 9 in.; sun or partial shade; blooms June to frost; fragrant; does well in poor soil. Fine for bedding, cutting, rock gardens and edging.

3032 **Little Gem or Carpet of Snow.** *a*

A very dwarf, compact-growing variety. While only 6 inches in height, each plant will carpet a circle from 20 to 30 inches in diameter, and form a solid mass of snow-white flowers of delicious fragrance. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.; oz. 85 cts.

3030 **MARITIMUM.** *a* One of our most popular hardy annuals. Blooms continually from earliest summer until frost. 10 inches. Pkt. 10 cts.; ⅛ oz. 15 cts.; oz. 40 cts.

3036 **LILAC QUEEN.** *a* Of compact habit. Pretty, deep lavender-lilac flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3034 **Saxatile compactum** *rp* (Golden Saxatile or Basket of Gold). Perennial variety; culture J; sow seed ⅛ in. deep; hgt. 9 in.; blooms May and June. Fine for rock-work; does well in sun or partial shade and any ordinary soil, thoroughly drained. Brilliant golden yellow. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.; ¼ oz. 60 cts.

3028 **ROCK GARDEN MIXTURE.** *rp* Hardy, dwarf sorts. Culture same as above. Pkt. 15 cts.; 1/16 oz. 30 cts.

Anemone (Windflower) *rp*

Culture H (Page 15). Sow seed ⅛ in. deep. Hgt. 12 to 18 in.; sun or partial shade. An obliging sweet-scented perennial, fine for cutting and ideal for the hardy border or rockery.

3040 **ST. BRIGIDS STRAIN.** The true Irish variety. Fine array of mixed colors varying from maroon to pinks and purples. Plant 12 inches tall; blooms in May and June. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

3042 **Sylvestris.** (Snowdrop Windflower.) Sweet-scented white flowers on 12 to 18 inch stems. Blooms in April and May. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

Arenaria *rp*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 6 in.; sun; blooms May and June.

3110 **Montana.** Small white flowers; tufted growth. Pkt. 15 cts.; 1/32 oz. 35 cts.; 1/16 oz. 65 cts.

Aubrietia *rp*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 6 in.; sun; blooms April and May.

3336 **Large-flowering Hybrids, Mixed.** Dwarf, creeping plants; good color range. Pkt. 20 cts.; 1/16 oz. 40 cts.

Sensation Calendula

Sunshine Calendula

Calendula (Pot Marigold) [a]

Culture B (Page 15). Sow seed to depth 4 times their size. Hgt. 12 to 18 in.; sun or partial shade; blooms July to frost, even in poor soil. Fine for bedding, borders, house plants and cut-flowers.

3379 **Shaggy.** **Gold Medal Winner, All-America Selections, 1935.** New laciniated petalled flowers of orange. Illustrated and further described on page 7. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.; ¼ oz., 85 cts.

3387 **Sunshine** **or IMPROVED CHRYSANTHA. Gold Medal Winner, All-America Selections 1934.** A clear, buttercup yellow with loosely arranged petals, incurved at center and reflexed at edges. Pkt., 15 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.; oz., $1.35.

3385 **Golden Beam.** New introduction from Australia. Strong, wiry stems with buttercup yellow flowers, having long, loose, drooping quilled petals. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3386 **SENSATION.** Large, double orange flowers with a scarlet sheen. Unexcelled for cutting. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

3384 **RADIO.** Orange flowers of medium size, with beautifully quilled petals. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3380 **Orange King.** Large, full double, deep orange. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3382 **Ball's Orange.** A beautiful variety, adapted to forcing. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

3381 **PASTEL BEDDING MIXTURE.** *New.* Dwarf types designed especially for the border. Many new shades. Pkt., 15 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.

3388 **FINE DOUBLE MIXED.** Pkt., 10 cts.; ⅛ oz., 15 cts.; ¼ oz., 25 cts.

Balsam [a]

Culture B (Page 15). Sow seed ⅛ inch deep. Hgt. 1½ to 2 ft.; sun or partial shade; blooms August and September from spring sown seed.

3348 **BUSH FLOWERING, MIXED.** Free-flowering, double. Flowers come in clusters at top of stem. Pkt., 10 cts.; 1/16 oz., 25 cts.

3350 **LIVINGSTON'S PREMIUM, FINEST MIXED.** Large, double flowers. Varied and brilliant colors. Pkt., 10c; ⅛ oz., 15c; ¼ oz., 25c.

3354 **DOUBLE MIXED.** Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 55 cts.

3360 **BALSAM APPLE and PEAR (Momordica), Mixed.** *a* Vining. Golden yellow fruit. Brilliant blood-red interior. Pkt., 10c; ¼ oz., 20c.

Begonia [h]

Culture E (Page 15). Sow seed on surface and firm soil. Hgt. 12 in.; blooms May to October, and inside in winter. Withstands drought.

3364 **Gracilis Luminosa.** A brilliant, fiery, dark scarlet. The plant is of sturdy growth, forming dense bushes 1 foot high, hidden with flowers from May until frost. Pkt., 20 cts.

3366 **Vernon.** Bright orange-carmine flowers and very dark leaves. Pkt., 10 cts.; 1/32 oz., 25 cts.

3370 **Finest Mixed.** A superior assortment. Pkt., 10c; 1/32 oz., 25c.

Calamintha [rp]

Culture J (Page 15). Sow seed ⅛ in. deep. Hgt. 6 in.; sun; blooms May and June.

3376 **ALPINA.** Tufted growth; lavender blue flowers. Pkt., 25 cts.; 1/64 oz., 60 cts.

Ostrich Plume Celosia

Celosia [a]

(Cockscomb)

Culture B (Page 15). Sow seed 1/16 inch deep. Hgt. 2 to 3 ft.; sun; blooms July to frost from spring sown seed.

Ostrich Plume Varieties

Pyramidal plants tipped with brilliantly colored plumes. Ht. 3 ft.

3470 **THOMPSONI MAGNIFICA. Mixed.**

3472 **GOLD PLUME.** Yellow.

3474 **FIRE PLUME.** Scarlet.

Any one above: Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

COLLECTION: 3 varieties above **25c**

3466 **LILLIPUT, MIXED.** Free branching. Dwarf plume type. Pkt., 15 cts.; 1/32 oz., 25 cts.

CHINESE WOOLFLOWER. Unique type of Ostrich Plume. Forms large globular heads of rich color.

3464 **Crimson** 3460 **Mixed**
Price of either: Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Comb Varieties

3476 **GLASGOW PRIZE.** Dark crimson. Pkt., 10c; ⅛ oz., 25c.

3478 **Finest Dwarf, Mixed.** Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.

Cacalia [a]

Culture A (Page 15). Sow seed ⅛ inch deep. Hgt. 18 inches; sun or partial shade. Fine in border and as cut flower.

3372 **Mixed.** Scarlet and orange flowers on long wiry stems. Pkt., 10c; 1/16 oz., 20c; ⅛ oz., 35c.

Canna [a]

Culture H (Page 15). File off one end of seed, soak over night and sow 1 inch deep. Hgt. 2 to 3 ft.; sun; blooms July to frost.

3436 **Large-Flowering French Hybrids, Mixed.** Easily grown from seed. Pkt., 10 cts.; oz., 40 cts.

Coreopsis, Mayfield Giant

Chelone *p*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. about 3 ft.; sun. Flowers resemble a turtle's head; useful for cutting.

3510 **Barbata Praecox.** Rich colored early flowering hybrids. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Cardinal Climber *ca*

Culture B (Page 15). Soak seed over night, sow ½ inch deep.

3458 **Annual.** Vigorous growth, reaching 20 feet in a season. Beautifully cut foliage. Pkt. 10 cts.; ⅛ oz. 20 cts.

Canterbury Bells *b-p* (Campanula)

Culture J (Page 15). Sow seed 1/16 inch deep. Hgt. 6 to 24 in.; sun or partial shade; withstands drought. For bordering, cutting and rock-work.

3420 **Livingston's Prize Mixture.** *b* An elegant mixture of all finest classes and colors of single and double and "Cup and Saucer" varieties. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3422 **CALYCANTHEMA.** *b* (Cup and Saucer Bellflower). Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

3424 **Finest Double Mixed.** *b* Pkt. 10 cts.; ¼ oz. 25 cts.

3426 **Finest Single Mixed.** *b* Pkt. 10 cts.; ¼ oz. 20 cts.

3428 **Pyramidalis Mixed.** *p* (Chimney Bellflower). A hardy perennial flowering in late summer. 4 to 5 feet. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

3430 **CARPATICA.** *rp* Beautiful free-flowering, hardy perennial. Height 9 inches. Blue and White, mixed. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3431 **ROTUNDIFOLIA. (Blue Bells of Scotland.)** *rp* Matted foliage. Dainty blue flowers. Height 12 inches. Pkt. 15 cts.; 1/32 oz. 35 cts.; 1/16 oz. 60 cts.; ⅛ oz. $1.10.

3432 **TURBINATA.** *rp* Grows to 6 inches with beautiful cup-shaped flowers of blue smothering the plant. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 55 cts.

New Annual Canterbury Bells *a*

Culture A. Sow seed 1/16 inch deep.

3418 **MIXED. Gold Medal Winner, All-America Selection, 1933.** Blooms from seed in less than six months. Colors include dark and light blue, pink, rose and white. Grows 2 to 2½ feet high and produces 6 to 8 spikes of bloom. Illustrated on page 8. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

3417 **ANGELUS BELL.** Deep rose selection from above. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

3419 **LIBERTY BELL. Award of Merit, All-America Selection, 1934.** Deep violet blue. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Calliopsis *a*

Culture B (Page 15). Sow seed ⅛ inch deep. Hgt. 1 to 2 ft.; sun; blooms June to August from spring sown seed. Will endure poor soil. Used for bedding, massing and cutting. Combines well with Canterbury Bells in a border planting.

3390 **HYBRIDA SUPERBA.** Pale yellow to rich orange and velvety brown. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3392 **Golden Wave.** (*C. Drummondi*). Golden yellow with brownish-red centers. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3394 **Mixed Tall Sorts.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3396 **Mixed Dwarf Sorts.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25c.

Coreopsis (Hardy Calliopsis) *p*

Culture J. Sow seed to depth four times their diameter. Hgt. 2 ft.; sun; usually blooms from June on. One of the best yellows for cutting.

3399 **DOUBLE SUNBURST.** New. Deep golden yellow, double variety. Fully described on page 9. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

3397 **MAYFIELD GIANT.** New strain of Australian origin. Extra tall and vigorous; deep golden-yellow perfect flowers. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3398 **Lanceolata grandiflora.** (Harvest Moon.) Golden Yellow. Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

Candytuft (Iberis) *a*

Culture C (Page 15). Sow seed 1/16 inch deep. Hgt. 3½ to 12 in.; sun; bloom June to October. For edging and cutting.

3400 **Miniature Gem.** **(New Hyacinth-Flowered.)** A dainty miniature variety about 3½ in. tall, producing 4 to 6 spikes of pure white flowers to the plant. Perfect for rockery. Pkt. 10 c.; ⅛ oz. 25 c.; ¼ oz. 45c.

3404 **ROSE CARDINAL.** Profuse bloomer; height 8 inches. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3406 **EMPRESS or GIANT HYACINTH-FLOWERED.** Improved strain; height 12 inches. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3402 **Large-flowering Dwarf, Mixed.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3412 **Mixed Annual Sorts.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 20 cts.; oz. 45 cts.

Hardy Candytuft

Culture J. Sow seed ⅛ inch deep. Hgt. 9 to 12 in.; sun.

3414 **GIBRALTARICA.** *rp* Lilac, shading to white; blooms early. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

3416 **SEMPERVIRENS.** *rp* Pure white. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.; ¼ oz. 75 cts.

Campanula, Rotundifolia

Blue Bells of Scotland

Carnations

Culture G (Page 15). Sow seed ⅛ inch deep. Hgt. 6 to 18 in.; sun; blooms June to frost. For pot-plants, bedding and rock-gardens. Needs winter protection. Half-hardy.

3442 **Giant Marguerite.** Enormous flowers; colors most varied and brilliant. Comes **into full bloom four months from sowing** and continues until hard frosts. Our strains are semi-dwarf and strong growers. Height, 18 inches. Pkt., 10 cts.; 1/16 oz., 15 cts.; ⅛ oz., 25 cts.

3440 **LIVINGSTON'S PEERLESS MIXTURE. All bloom the first summer.** A very choice mixture. Pkt. 15 cts.; 1/16 oz., 30 cts.

3446 **Chabaud's Giant Perpetual.** Comes into bloom in a little over four months from seed; extra-large size; fine range of colors; very sweet-scented. Mixed colors. Pkt., 10 cts.; 1/16 oz., 25 cts.

3448 **CHABAUD'S GIANT IMPROVED, Mixed.** A greatly improved strain. Blooms of large size, fine form. About 90 per cent double and highly clove-scented. Pkt., 15 cts.; 1/16 oz., 25 cts.

3452 **RED GRENADIN.** *p* Hardy perennial. Double red flowers; no outdoor Carnation can equal it. Pkt., 10 cts.; 1/16 oz., 25 cts.

3454 **DWARF RED GRENADIN.** *rp* Dwarf variety of above. Pkt., 15 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.

3450 **Fine Double Mixed.** Pkt., 10c; 1/16 oz., 20c; ⅛ oz., 35c.

Centaurea

Culture D (Page 15). Sow seed ⅛ inch deep. Hgt. 2 feet; sun or partial shade; blooms July to October from spring sown seed. Endures poor soil. Fine for massing and cutting.

Cyanus (Bachelor's Button or Cornflower) *a-b*

3486 **BACHELOR'S BUTTON.** Mixed. The true old-fashioned Bachelor's Button of your grandmother's garden. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3490 **DOUBLE BLUE.** Identical in color to the popular single blue variety, but being a full, double flower makes it better for cutting. Also ideal bedder bordered with White Alyssum. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 75 cts.

Giant-Flowering Sweet Sultans (Imperialis) *a*

The blooms are borne on long stems. Of the easiest growth: very showy in the garden all summer long.

3496 **Giant Mixed Colors.** An elegant assortment of colors. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 85 cts.

3498 **LIVINGSTON'S CHOICE MIXTURE.** Fine blending of Bachelor's Buttons and Giant Sweet Sultans. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 85 cts.

White-Leaved Centaureas (Dusty Millers) *a*

Silver-foliaged plants, extensively used for edging, hanging-baskets, house plants, etc.

3502 **Candidissima.** Very thick, broadly cut, silvery white leaves. Height, 1 ft. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.

3500 **Gymnocarpa.** Leaves fern-like; silvery gray color. Fine for borders. Height 2 feet. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

Cheiranthus *rp*

Culture J (Page 15). Sow seed ⅛ in. deep. Hgt. 9 to 12 in.; sun; blooms from May on and first year from early sown seed. Best used as biennial.

3512 **ALLIONI.** (*Siberian Wallflower.*) Dazzling fiery orange, 12-inch stems. Blooms freely and for this reason best used as a biennial. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3514 **Linifolius.** (*Alpine Wallflower.*) Lilac shade; 9 inches. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.

Cineraria

Culture E (Page 15). Sow seed on surface and merely cover. Hgt. 18 in.; house plant; does well outside in summer.

3525 **Multiflora Nana.** *New.* Dwarf plants with masses of small self-colored flowers. Dainty foliage. Pkt., 25 cts.

3526 **Livingston's Prize Mixture.** Contains richest colors; large. Pkt., 25 cts.; 1/64 oz., $1.00.

3528 **Maritima.** *a* (*Dusty Miller*). Silvery white foliage. Height, 1 foot. Perennial, but usually grown as an annual. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

"True Blue" Flower Seeds are seeds of the highest quality.

Carnations, Giant Marguerite

Cerastium *rp*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 4 in.; sun; blooms June and July.

3508 **Tomentosum.** (*Snow-in-Summer*) Silvery white foliage; abundance of snow-white flowers. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 35 cts.

Coleus *a*

Culture A (Page 15). Sow seed 1/16 inch deep. Hgt. 8 to 12 in.; sun or shade. For bordering and pot culture. Striking colors and brilliant variegated leaves.

3542 **Fine Mixed Hybrids.** Mixed seed from a very fine collection. Pkt., 10 cts.; 1/32 oz., 25 cts.; 1/16 oz., 40 cts.

3540 **Extra-Fine Mixed Hybrids.** Our finest mixture. Pkt., 15 cts.; 1/32 oz., 40 cts.

3544 **Large-leaved Fringed.** Beautiful leaves. Pkt., 20 cts.; 1/32 oz., 40 cts.

Chrysanthemums *p*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 2 to 3 ft.; sun; blooms August to October. Used in borders.

3516 **Japanese Hybrids.** Double. Pkt., 15 cts.; 1/32 oz., 50 cts.

3518 **Inodorum.** (*Bridal Robe*). New; pure white; extra fine. Pkt., 10 cts.; 1/16 oz., 15 cts.; ⅛ oz., 25 cts.

Clarkia *a*

Culture B (Page 15). Sow seed ⅛ inch deep. Hgt. 2 to 2½ feet; sun or partial shade.

3538 **ELEGANS, Choice Double Mixed.** Long stems; exceedingly bright and profuse bloom. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

Crucianella *rp*

Culture J (Page 15). Sow seed ⅛ in. deep. Hgt. 18 in.; sun or partial shade. Fine for rockery.

3568 **Stylosa.** Tangled masses of fine foliage; many heads of red flowers. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

The New
Orange Flare Cosmos

Extra Early Flowering Cosmos

PERFECT Garden Label

Permanent, non-breakable, inconspicuous, green composition rubber. Write with ordinary lead pencil—2 or 3 years afterward easily read. Markings easily erased at any time and label used again. Costs a little more but, ultimately, far less expensive than others.

NOTE.—Miniature illustration is of one that has been in our garden through all weather for 15 months.

Show Label, 7 in. long	**Doz. $1.25**
Border Label, 5 in. long	**Doz. 1.00**
Rock Garden Label, 4 in.	**Doz. .90**
Tie-on Label, 3½ in. with wire	**Doz. .40**

Cosmos *a*

Culture B (Page 15). Sow seed ⅛ inch deep. Hgt. 5 to 6 ft.; sun; blooms August to October from spring sown seed and withstands drought. A decorative garden plant whose value is inestimable and a fine cut flower. Sow both early and late varieties and enjoy them longer. Cosmos with Hollyhocks make a stunning mixed background.

Hybrida (New Golden-Yellow)

3565 **Orange Flare.** **Gold Medal Winner, All-America Selections, 1935.** Early strain, blooming in 4 months from sowing seed. Blooms are a deep, vivid orange with foliage of light green. Plants are 2 to 3 feet tall with long, wiry stems. Illustrated in color on front cover. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Extra-Early Mammoth-Flowering

This is a new strain of Cosmos selected for size of flowers and earliness. The growth is very rapid. Fine for cutting.

3552 **White.** 3554 **Pink.** 3556 **Crimson.**
Any one above: Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 75 cts.

3558 **Mixed.** A well-blended mixture of white, pink, and crimson. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 75 cts.

3548 **EXTRA EARLY EXPRESS, Mixed.** Flowers in about 50 days from sowing seed. Medium blooms; height 3 feet. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.; oz. $1.00.

Late Mammoth-Flowering

3560 **MAMMOTH PERFECTION, GIANTS OF CALIFORNIA, Mixed.** Superb strain. The individual flowers are of enormous size and the most perfect form, while the colors are richly brilliant, containing every shade known in this flower. They represent the highest developed type in Cosmos. Will keep a week in water after being cut. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 50 cts.

3562 **Lady Lenox, Pink.** Flowers are 4 to 5 inches in diameter. Color a delightful shell-pink, lighting up beautifully at night. Splendid variety. Height, 6 to 7 feet. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 50 cts.

3564 **Lady Lenox, White.** Similar to above except white. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 50 cts.

Double Crested or Anemone Flowered

3550 **Double Crested, Mixed.** A class, producing beautifully crested flowers which lend themselves to the most artistic arrangements. Pkt. 15 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

Cynoglossum *a*

Culture A (Page 15). Sow seed 1/16 inch deep. Hgt. 18 to 24 in.; sun; thrives in dry, hot location and blooms from June to September. Fine for borders and cut flowers.

3576 **Amabile Blue** (Chinese Forget-Me-Not). Produces large sprays of brilliant blue Forget-Me-Not like flowers, delicately sweet-scented. A Chinese introduction. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 75 cts.

Cypress Vine

(Ipomea quamoclit) ***ca***

Culture B (Page 15). Soak seed over night, sow ½ inch deep. Hgt. about 10 ft.; sun.

3580 **Finest Mixed.** A beautiful annual climber, with fernlike foliage and graceful star-shaped flowers. Pkt. 10 cts.; ¼ oz. 20 cts.; oz. 50 cts.

Dahlias

Culture H (Page 15). Sow seed to depth four times their size. Hgt. 3 to 5 ft.; sun; blooms July to frost.

3590 **LARGE-FLOWERING CHOICE DOUBLE MIXED.** Very round, double flowers. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.; oz. $1.50.

3592 **Cactus Varieties, Choice Mixed.** Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.; ¼ oz. 75 cts.

3594 **Livingston's Superb Dahlia Mixture.** Very Choice. Embraces above and many others. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.; ¼ oz. 85 cts.

NEW WILT-RESISTANT ASTERS

If you have become discouraged with Asters on account of wilt, try these new strains. See page 16.

Daisies

a ANNUAL—Culture C (Page 15) *p* PERENNIAL—Culture J
Sow seed ⅛ inch deep; sun or partial shade; used in borders and fine for cut flowers. Does best in rich soil and cool situation; needs protection in winter.

3609 **Giant Double White Shasta.** *p* *New.* (Diener Strain). Comes about 50% double with remainder semi-double and single with laciniated, curled and quilled flower petals. Large flowers (see illustration at right), on long, wiry stems. Pkt., 25 cts.; 1/32 oz., 90 cts.

3596 **Arctotis Hybrids.** *a* A new introduction from South Africa. Showy daisy-like flowers 2 to 3 inches across in various shades of red and orange. Grows about 12 inches in height. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 45 cts.; ¼ oz., 80 cts.

3598 **Arctotis Grandis** (African Daisy). *a* Glistening white variegated by under-surface of pale lilac-blue. Useful as cut-flowers from June until frost. Height 2 to 3 feet. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3600 **Bellis Perennis, Monstrosa Mixed.** (English Daisy.) *rp* Includes the Pink and White Monstrosa as well as many other fine sorts. Hgt. 6 inches. Blooms May and June. Grow in moist soil that is not too rich. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

3608 **SHASTA DAISY.** *p* Large flowers with three or more rows of pure white petals. Blooms abundantly for several months. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.

Double White Shasta Daisy

Dianthus (Pinks)

Double Annual Varieties

Culture A (Page 15). Sow seed ⅛ inch deep. Hgt. 1 foot; sun or shade; blooms July to October. For bedding and cutting; good rock garden annual.

3624 **GIANT FRINGED AND RUFFLED PINKS, Double Marvelous or Japanese Fringed** (*D. mirabilis fl.-pl.*). Remarkable Strain. Double flowers; deeply cut petals with thread-like fringes. Mixed colors. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

3632 **Livingston's Mixture of Double Pinks.** All the best varieties. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 85 cts.

3642 **Sweet Wivelsfield.** Biennial hybrid, but blooms first year from seed. Large flowers, daintily marked and perfumed. Brilliant color range. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

Hardy Garden or Clove Varieties

Culture J. Sow seed ⅛ inch deep. Hgt. 1 foot; sun; blooms May to October.

3633 **Superbus, Loveliness.** A new, delightfully charming garden Pink; shaggy appearing, finely fringed, sweet scented flowers of delicate rosy lilac that measure 1½ to 2 inches. Plants are 12 to 15 inches tall, of branching habit, and free flowering. Pkt. only 25 cts.

3623 **Allwoodii alpinus.** *rp* Grows 4 to 6 inches high, has both single and double flowers in mixed colors. Pkt., 25 cts.; 50 seeds, 60 cts.; 100 seeds, $1.00.

3622 **ALLWOODII.** *rp* Double and single blooms in every color except yellow. Blooms from spring to fall. Pkt., 20 cts.; 50 seeds, 50 cts.; 100 seeds, 85 cts.

3630 **DELTOIDES** (Maiden Pink.) *rp* A beautiful little plant, 8 inches tall, with narrow leaves and quantities of small crimson flowers. Adapted to rockeries. Pkt., 10 cts.; 1/16 oz., 20 cts.

3628 **Caesius** (Cheddar Pink). (*D. plumarius.*) Forms dense tufts of plants only a few inches high; small flowers. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz., 60 cts.

3634 **Single Large-flowering Grass or Spice Pinks, Mixed.** Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3638 **Double Large-flowering Grass or Spice Pinks.** (*D. plumarius semperflorens fl.-pl.*). Pkt., 15 cts.; 1/16 oz., 25 cts.

3636 **LIVINGSTON'S MIXTURE OF HARDY GARDEN PINKS.** A magnificent strain of choice single and double hardy sorts; bright and brilliant colors. Contains many varieties. Illustrated at left. Pkt., 10c; ⅛ oz., 25c; ¼ oz., 40c; oz., $1.00.

Rock Garden Planting of Hardy Pinks

Mixture of Hardy Garden Pinks

Dicentra (Bleeding Heart) *p*

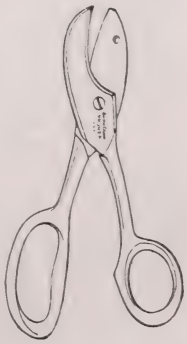
Culture G (Page 15). Sow seed to depth four times their size. Hgt. 1 to 2 ft.; sun or shade.

3648 **Eximia.** (Plumy Bleeding Heart.) Dwarf sort with finely cut foliage and showy racemes of pink flowers. Perfectly hardy anywhere. Pkt., 25 cts.; 1/16 oz., 40 cts.; ⅛ oz., 75 cts

Garden Clipper PRUNING SHEAR

The gardener's handy surgical instrument for miscellaneous pruning. Highly tempered steel cutting blade; makes a clean knife-like cut; has comfortable grip. Ideal for trimming and cutting all superfluous branches, etc., about the garden.

Price 60c, Ppd.



ALL SEEDS POSTPAID IN U.S.A. PROPER

Delphinium

Delphinium (Hardy Larkspur)

Culture J (Page 15). Sow seed to depth four times their size. Hgt. 2 to 6 feet; persistent bloomer from June to August and thrives in sun or partial shade and driest seasons. Rich soil will produce larger and better blooms. Excellent for cutting and a fine hardy border plant. Blends well with oriental Poppies and Shasta Daisies.

3610 **New Giant Flowering Hybrids.** **MIXED.** Magnificent class producing splendid spikes, 2 to 5 feet in length, of immense semi-double and double flowers. The colors are most beautiful, ranging from pure white through all the shades of lavender and blue. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 75 cts.

3612 **BELLAMOSA.** A rich, dark blue form of the popular light blue Belladonna. Pkt., 20 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.; ¼ oz., 85 cts.

3614 **BELLADONNA.** Light sky-blue flowers, with light centers; a very fine variety. Height, 4 feet. Pkt., 20 cts.; 1/16 oz., 30 cts.; ⅛ oz., 50 cts.; ¼ oz., 85 cts.

3616 **Wrexham (Hollyhock Strain).** **The greatest advance yet made in this splendid class.** Enormous spire-shaped spikes with both single and double blooms, some fully 3 inches in diameter. Our mixture is imported and contains all the colors peculiar to the Delphinium. Pkt., 25 cts.; 1/16 oz., 60 cts.; ⅛ oz., $1.15.

3618 **Cambridge Blue.** **(Chinese Delphinium).** *New.* Its quality is expressed in its color, a brilliant light blue, far surpassing that shade in Belladonna. Treated as an annual it blooms from seed the first year if sown early. Height 2 to 3 feet. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 75 cts.

ANNUAL DELPHINIUMS. See Larkspur, page 30.

Digitalis (Foxglove) [b]

Culture J (Page 15). Sow seed on surface and merely cover. Hgt. 3 to 4 ft.; sun or partial shade; bloom June and July. The large, tube-like flowers, produced freely in beautiful spikes, add much to hardy beds and borders. Foxgloves bordered with Canterbury Bells make an attractive display.

3650 **Gloxiniaeflora.** A beautiful class, with spotted flowers. We offer a mixture of finest varieties. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 85 cts.

3652 **MONSTROSA.** (Mammoth Foxglove). A grand strain. The top flowers of the spikes are of enormous size. Fine assortment of colors. Splendid mixture. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.; oz., $1.25.

3654 **PURPUREA, Finest Mixed.** The common Foxglove so generally known. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 90 cts.

Didiscus (Lavender Lace) [a]

Culture B (Page 15). Sow seed ⅛ inch deep. Hgt. 18 in.; blooms from July to November. Excellent for cutting.

3644 **Caerulea.** Exquisite pale lavender blossoms; profuse blooming, as many as 50 flowers open at one time. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Dracaena (Dragon Plant) [h]

Culture E (Page 15). Sow seed ⅛ inch deep. Sun or partial shade; used extensively as house plant and for porch and window boxes.

3670 **INDIVISA.** Long, graceful, narrow, ornamental leaves. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Eschscholtzia [a]

The Beautiful California Poppies

Culture C (Page 15). Sow seed 1/16 inch deep. Hgt. 12 in.; sun or partial shade; blooms profusely from June to September even in poor soil. A free-flowering plant with silvery foliage. Fine for bedding, edging and cutting.

3677 **The Geisha.** Rich golden inside, orange crimson outside. Erect growth. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3678 **Auriantiaca.** Golden yellow. Spreading growth. Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 65 cts.

3679 **Scarlet Beauty.** Deep scarlet. Erect growth. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

3680 **GOLDEN WEST.** Intense yellow and orange flowers of giant size. Spreading growth. Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 65 cts.

3682 **Finest Double Mixed.** Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

3684 **Finest Single Mixed.** Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

3686 **GOLDEN CUP HUNNEMANNIA.** (Bush Eschscholtzia). ***p*** Jonquil-yellow, cup-shaped flowers with vivid bright orange stamens. Best used as annual. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3687 **Sunlight Hunnemannia.** (Tulip Poppy). ***p*** **Award of Merit, All-America Selections, 1934.** A clear canary-yellow hardy Poppy, but best used as annual. Makes lasting cut-flower; blooms over a long season. Height 2 feet; sun. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.; oz., $1.25.

Digitalis (Foxglove)
This plant had seven spikes in bloom at one time.

Gaillardia (Blanket Flower)

a ANNUAL, Culture B (Page 15). *p* PERENNIAL, Culture J

Sow seed ⅛ inch deep. Hgt. about 2 ft. Both sorts bloom from June to frost. Rich, light soil is best; plant food (4-12-4) increases strength and bloom. They are profuse bloomers and have brilliantly colored flowers. Wonderfully effective in beds, borders and as cut-flowers.

3710 **INDIAN CHIEF** *a* Its name suggests something unusual, and it is that. Has dark brown center with glittering bronzy red petals. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3702 **Finest Single Annual, Mixed.** Brilliant colors. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

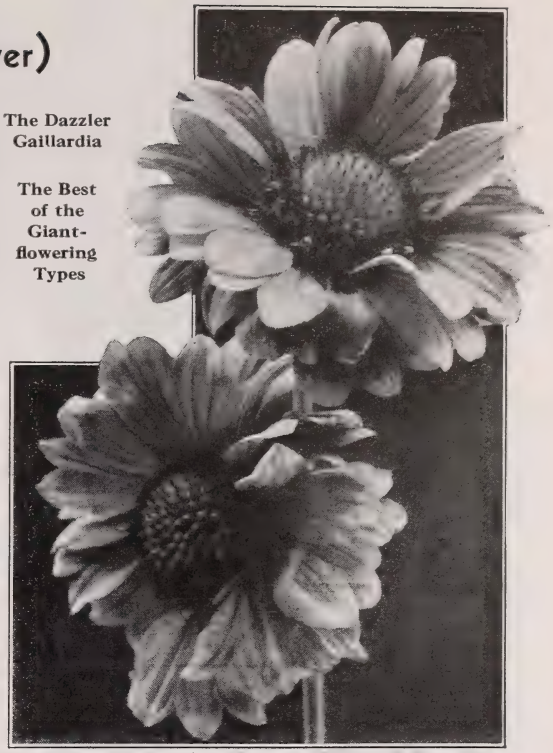
3704 **FINEST DOUBLE ANNUAL, MIXED.** Free blooming. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

3696 **Burgundy** *p* Claimed to be the best red hardy Gaillardia. Color is a coppery-scarlet, more easily described as wine-red. Flowers are about 2½ inches across and mounted on long stems. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

3698 **The Dazzler** *p* The best Gaillardia of the giant-flowering type. The large, dark red flower with its bright orange tips is very attractive. The new improved strain we are offering is very vigorous. Pkt., 10 cts.; ⅛ oz., 35 cts.; ¼ oz., 65 cts.

3700 **Portola Hybrids.** *p* Very large, with colors ranging through shades of bronzy red, and having petals tipped with gold. Pkt., 10 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

3706 **GRANDIFLORA HYBRIDS, Finest Mixed.** *p* One of the most elegant perennials; is in continuous bloom from June until frost. Enormous red and yellow flowers. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.



The Dazzler Gaillardia

The Best of the Giant-flowering Types

Edelweiss *rp*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 6 in.; blooms June and July; does best in dry, sunny location.

3672 **Large Flowered.** Flowers of downy texture, pure silvery white and star-shaped. Pkt., 25 cts.; 1/32 oz., 45 cts.; 1/16 oz., 85 cts.

Erigeron *p*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 24 in.; sun; blooms in June and July.

3674 **Speciosus Grandiflorus.** Single Aster-like flowers of a rich lavender-purple with yellow center. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Feverfew (Matricaria) *a-p*

Culture B (Page 15). Sow seed 1/16 inch deep. Hgt. about 12 in.; blooms June and July.

3690 **Capensis Fl. Pl.** Small, double white flowers. Adapted to bedding, pot culture and cutting. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

FORGET-ME-NOT. See Myosotis, page 33.

FOUR O'CLOCK. See Marvel of Peru, page 32.

Spray Flowers with RED ARROW. See page 13.

Flower Spraying Calendar—page 85.

Gypsophila (Baby's Breath)

Gypsophila (Baby's Breath)

a ANNUAL, Culture C (Page 15). *p* PERENNIAL, Culture J

Sow seed ⅛ inch deep. Hgt. 1 to 3 ft.; grows most any place, prefers sun; perennials do best in sweet soil; blooms from June on. Used for borders, cutting, rock-gardens and everlastings.

3758 **PACIFICA.** *p* Especially hardy. Forms dense bushes and attains height of 4 feet. Has rose-pink blossoms and flowers later than the Paniculata. Pkt., 10 cts.; 1/16 oz., 30 cts.; ⅛ oz., 55 cts.

3760 **Repens.** *p* A beautiful trailing plant for the rockery. Has numerous small, white and pink flowers in July and August. 6 inches tall. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.

3762 **Elegans alba grandiflora** (Paris Market). *a* This is an improved, large-flowering, pure white, annual Baby's Breath of free, easy growth. Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 45 cts.

3764 **Paniculata.** *p* An elegant hardy perennial. Its delicate little flowers are produced in feathery white panicles. Fine for everlastings. Height 3½ feet. Pkt., 10c; ⅛ oz., 25c; ¼ oz., 40c.

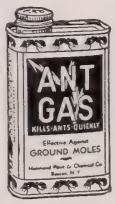
3766 **Paniculata fl.-pl.** *p* Double. Height about 3 feet. Pkt. 25 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.

Hammond's ANT GAS

KILLS ANTS QUICKLY

Simple and easy to use. Small amount applied to the ant hill forms a heavier-than-air gas which penetrates and kills the ants—queen and all. Also kills moles by same method. Not dangerous or poisonous. At these prices you cannot afford to be bothered with these pests.

Half Pint Can ..... **50 cts.**
Pint Can ..... **90 cts.** **Quart Can** **$1.50**
POSTPAID



Helichrysum, Monstrosum

Geum *rp*

Culture J (Page 15). Sow seed ⅛ inch deep. Belongs to Rose family. Hgt. 18 in.; sun or partial shade; requires moisture in hot summer; blooms May and June. For borders and rock-gardens.

3716 **MRS. BRADSHAW.** A splendid variety with large, double, fiery red flowers. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.

3718 **Lady Stratheden.** (Golden Ball.) A fine golden yellow flower of loose double formation. Pkt., 15 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Geraniums *a*

Culture G (Page 15). Sow seed ⅛ inch deep. Hgt. 1 to 2 ft.; sun; long bloomer. Fine for bedding, pot-plants or hanging baskets.

3720 **Finest Mixed.** Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Globe Amaranth *a*

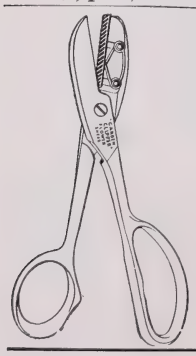
Culture B. Sow ⅛ inch deep. Hgt. 18 in.; sun.

3736 **Mixed.** Flowers resemble clover-heads. Fine for beds, borders and everlastings. Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 50 cts.

Gourds *ca*

Culture C (Page 15). Sow seed to depth four times their size. Sun; blooms July from spring sown seed. Ornamental foliage and fruits.

3750 **Gourd Mixture.** Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.



LIVINGSTON'S ROSE SHEAR

An improved shear for cutting flowers and picking fruits, being equipped with an automatic grip which holds them. Indispensable for Roses and other thorny flowers. Absolutely the best accessory we have seen at this low price.

60c cts. Postpaid

Helianthemum

Heuchera

Hibiscus

Helichrysum *a*

(Everlasting Strawflower)

Culture B (Page 15). Sow seed ⅛ inch deep.

MONSTROSUM FL.-PL. Succeeds in any good garden soil, prefers sun. The large, double flowers of rich, glittering colors in August and September make fine display in beds and borders, but are especially grown to dry for winter use inside. For this, they should be cut when flowers are about one-third open and with as long stems as possible; foliage removed; tied in bunches and hung up with heads downward in some dry place until stems are thoroughly dry. Hgt. of plant 2 to 3 ft. We offer these choice colors and our special mixture.

3780 **Golden Globe**	3792 **Salmon**
3788 **Crimson**	3794 **Violet**
3790 **Rose-Carmine Shades**	3798 **Scarlet**
	3800 **White**

Any one above: pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz.,35 cts.

COLLECTION: **One pkt. of each above, value 70 cts.** **50c**

3802 **Mixed.** A mixture of the above and other colors. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.; oz., 75 cts.

Helianthemum (Rock Rose) *rp*

Culture J (Page 15). Sow seed to depth four times their size. Hgt. 8 to 12 in.; sun; blooms June to August.

3770 **Mutable.** Forms large clumps with rose, lilac, white and yellow flowers with silk-like petals. For bedding and rock-gardens. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Heuchera (Coralbells) *rp*

Culture J (Page 15). Sow seed 1/16 in. deep. Hgt. 18 in.; sun or partial shade; does best in well-drained, medium rich soil; blooms from June to August.

3806 **Sanguinea.** Low growing foliage from which shoots spikes with bright red small flowers. Fine for cutting and rock-gardens. Pkt., 10 cts.; 1/32 oz., 50 cts.; 1/16 oz., 90 cts.

Hibiscus (Marshmallow) *p*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 4 to 5 ft.; prefers moist, partially shaded location; blooms July to October. Especially adapted to background and border planting.

3966 **Mallow Marvels.** A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink, and white. **Mixed Colors,** pkt., 10 cts.; ⅛ oz., 15 cts.; ¼ oz., 25 cts.

Heliotrope *a*

Culture G (Page 15). Sow seed ⅛ inch deep. Hgt. 18 to 24 inches; prefers sun; blooms July to October from spring sown seed. Has delicious fragrance. Fine for bedding, pots and bouquets.

3776 **All Sorts Mixed.** In best assortment; all shades, both light and dark. A very desirable strain. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz., 60 cts.

3774 **LEMOINE'S GIANT HYBRIDS.** Grand flowers, double the size of the older sorts. Bushes compact, heads of mammoth blossoms often measure a foot across. Deliciously fragrant. Produces flowering plants by July, which continue in flower until frost. Mixed, including Purple, White, Lavender, and Blue. Plant, 18 inches high. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.; ¼ oz., 60 cts.

Hollyhocks

a ANNUAL, Culture A (Page 15). *p* PERENNIAL, Culture K
Sow seed to depth four times their size. Hgt. 5 to 8 ft.; requires rich soil and sunny location but withstands drought; blooms in July. Once established they bloom stronger and better every year. When transplanting, trim the roots well. This causes new, healthy root growth. If the tops are large, cut them back to the crown leaving the blossom shoots if showing.

3808 **Double Triumph.** *p* A new variety of branching habit. Fine waved and fringed flowers on tall stems. Entirely new range of colors. Pkt., 15 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

LIVINGSTON'S PRIZE HOLLYHOCKS. *p* The largest flowering and most perfectly double Hollyhocks we have been able to procure after many years of selection of only the best varieties. The colors are rich and brilliant, the plants free from disease.

3810 **Double Black**
3812 **Double Lemon-Yellow**
3814 **Double White**
3816 **Double Rose-Pink**
3818 **Double Crimson**
3820 **Double Scarlet**
3822 **Double Salmon**

Each color, pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

Livingston's Prize Mixture

3824 Our best perennial mixture. Composed exclusively of finest double-flowering varieties. Contains above colors and innumerable other shades.
Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.; oz., 75 cts.

3826 **Mammoth Allegheny.** *p* Large flowers in colors from the palest pinks to the deepest reds. Lovely fringed and transparent petals. Contains single, semi-double and double kinds. Blooms from July to frost. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

3828 **Mixed Annual Everblooming.** *a* Glorious new hybrids which can be treated the same as annuals and will bloom the same year from seed. Started inside, they will bloom in July. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

Kenilworth Ivy *rp*

Culture J (Page 15). Sow seed 1/16 in. deep. Trailing; adapted to shade.

3840 **Linaria Cymbalaria.** Lovely little lavender and purple flowers and exquisite foliage. A trailer for vases, hanging baskets and rockeries. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Kochia *a*

Summer Cypress or Burning Bush

Culture B (Page 15). Sow seed 1/16 in. deep. Hgt. 3 ft.; sun.

3844 **Childsii.** Globe-shaped bushes with pea-green slender leaves until September when they turn blood-red and are tipped with small scarlet flowers. Grows quickly. Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 60 cts.

Kudzu Vine *cp*

Culture C. Soak seed overnight, sow ½ in. deep.

3848 **Pueraria Thunbergiana.** Japanese origin; purplish violet, fragrant blooms. Reaches 8 to 10 feet the first year and attains height of 50 feet. Unequaled for porches, arbors and trellises. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

We Pay Transportation. See page 3.

Livingston's Prize Hollyhocks

Lantana *a*

Culture G (Page 15). Sow seed ⅛ in. deep. Hgt. 1½ ft.

3852 **Mixed.** Popular, free-blooming, and very rapid growing plants with flower-heads of various colors, which are continually changing, emitting a powerful aromatic perfume. Plants are completely loaded with blossoms, succeeded by berries which, when ripe, turn deep blue. For summer bedding and inside winter-blooming. Pkt., 10 cts.; ⅛ oz., 15 cts.; ¼ oz., 25 cts.

Livingston's Serial Picture Story—Continued from page 15

The illustrations below are from gardens of Livingston patrons, showing the pleasing results obtained. First, the combination garden of Mrs. Mantor and Mrs. Clifford. Second, "Yellow Supreme" Marigolds in the same garden. They averaged 4 to 5 inches across. Next is a snapshot of "Yellow Supreme" sent in by Mr. Stanton Long, Steubenville, Ohio, saying that they took first prize at their show. The fourth is of a very pleasing design worked out by Mr. N. Cenci and next a corner in the garden of Mrs. E. E. Herpich.

Continued on page 33

Above New Giant Imperial Base-Branching Larkspurs.

Larkspurs[a]

(Annual Delphinium)

Culture D (Page 15). Sow seed ⅛ inch deep. A much improved old-fashioned flower. Thrives in almost any soil, in sun or partial shade. Blooms July to September from spring sown seed; hgt. 2 to 3 ft.

Light and dark blue Larkspurs with orange and lemon Marigolds make a fine cut-flower combination. Larkspurs with Viola cornuta combine well in the shady border even in hot late summer.

New Giant Imperial Larkspurs

These new upright base branching Larkspurs with long straight upright flower spikes (2 to 4 feet) are much superior to all others for cut-flowers. (See illustration at left.) Here is a real improvement that you should enjoy. Offered in colors and mixture.

3880 **BLUE BELL. Special Mention, All-America Selections, 1934.** A fine medium blue, until now lacking in the imperial type. Decidedly upright and base branching. Pkt. 15 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

3873 **Blue Spire**
3874 **Lilac Spire**
3875 **White Spire**
3877 **Carmine King**
3879 **Miss California, Pink**
3881 **All Colors, Mixed**

Pkt. 15 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.; oz. $1.50.

Double Stock-Flowered Larkspurs

3858 **Rosamond. New stock-flowered Larkspur. Gold Medal Winner, All-America Selections, 1934.** The color is new and distinct, a pure bright rose. Its other features are earliness and uniform height. Illustrated below. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 35 cts.

3872 **EMPRESS ROSE.** *New.* Tallest and best of all salmon-pink shades. Double, branching, stock-flowered type. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3860 **LA FRANCE.** A pleasing salmon-pink. Large, double flowers on long stems; more resistant to mildew and much more vigorous and tall growing than the class. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

		Pkt.	⅛ oz.	¼ oz.
3862	**Tall Stock-flowered.** White	$0.10	$0.20	$0.30
3864	**Tall Stock-flowered.** Shell-pink	.10	.20	.30
3866	**Tall Stock-flowered.** Bright rose	.10	.20	.30
3868	**Tall Stock-flowered.** Dark blue	.10	.20	.30
3870	**TALL STOCK-FLOWERED. All Colors Mixed**	.10	.20	.30

For Perennial Larkspur, see Delphinium, page 26.

Below New Rosamond Larkspur

Lavender[p]

Culture J (Page 15). Sow seed ⅛ in. deep. Hgt. 3 ft.; blooms July to September.

3886 **Lavandula vera.** True Lavender. Very sweet-scented flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Linum (Flax)[rp]

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 18 to 24 in.; blooms from May to September; sun or partial shade. Makes fine shady border with Shasta Daisies.

3896 **Perenne Blue.** Dainty sky-blue flowers on graceful arching stems. Blooms profusely. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3898 **Flavum.** Same as above in habit but golden-yellow flowers. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

Lobelia[a]

Culture G (Page 15). Sow seed on surface and merely cover. Profuse bloom from July to October. Hgt. 6 in.; partial shade preferred; fine for bordering, hanging baskets, and window boxes; good rock-garden annual.

3900 **Crystal Palace Compacta.** Best dark blue sort for edgings and carpet bedding. 4 inches. Pkt. 10 cts.; ⅛ oz. 35 cts.; ¼ oz. 60 cts.

3902 **Gracilis.** Fine for hanging-baskets, vases, and window-boxes. Light blue; a trailing variety. 10 inches. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

3904 **Mixed Compacta Sorts.** A fine mixture of best varieties. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.; ¼ oz. 60 cts.

Lychnis[p]

Culture J (Page 15). Sow seed ⅛ in. deep. Hgt. 2 ft.; sun. Good border plants.

3930 **Mixed Hybrids.** Compact, bushy plants with flowers from pure white to deepest red. Blooms first year if sown early. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

3932 **Viscaria Splendens.** Makes large clumps of almost evergreen foliage with deep red flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Lambs Ear (Page 40), Lathyrus (Page 41), Linaria (Page 29)

Liatris [p]

(Kansas Gay Feather)

Culture J (Page 15). Sow seed 1/8 inch deep. Hgt. 4 to 5 ft.

3888 **Scariosa.** A rare North American Species. Many spikes and very profuse blooming. It has the peculiar habit of blooming from the top downward, the reverse of all other spiked flowers. (See illustration at right.) Pkt., 10 cts.; 1/16 oz., 30 cts.; 1/8 oz., 50 cts.

Lunaria [a]

Culture K (Page 15). Sow seed to depth four times their size. Fine for winter decoration.

3910 **Annua** (Honesty or Money Plant). Purple flowers followed by silvery seed pods. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 45 cts.

Lupinus

ANNUAL. Culture B (Page 15). Soak seed overnight, sow 1/2 in. deep. Prefers partial shade. Graceful spikes of pea-shaped flowers. For better success inoculate this seed. Inoculator offered below.

3916 **Hartwegi, Mixed.** Pkt., 10 cts.; 1/4 oz., 20 cts.; oz., 50 cts.

3918 **HARTWEGI GIANTS, Mixed.** *New.* A remarkable improvement; received award of merit, 1933. 3 to 4 feet tall; branches freely from the base, producing 4 to 6 extremely long, erect spikes having many more blossoms than the old type. Pkt. 15 cts.; 1/8 oz. 25 cts.; 1/4 oz. 45 cts.

Polyphyllus

PERENNIAL. Culture J. Soak seed overnight, sow 1/2 in. deep. Hgt. 3 ft. Blooms May and June. Prefers slightly acid soil.

	Pkt.	1/4 oz.	Oz.
3920 **White**	$0.10	$0.25	$0.65
3922 **Blue**	.10	.20	.60
3924 **Rose**	.10	.35	.75
3926 **Mixed**	.10	.25	.65

Liatris
Peculiar long spiked flower. Blooms from top downward.

Lupinus

Hardy Lilies

3890 **REGALE.** This Lily is absolutely hardy, and is excellent for forcing. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most Lilies. Blooms outdoors early in July, and seedling bulbs will flower the second year. The seeds can be sown inside during spring months or in flats in the greenhouse at any time, giving the same treatment as tomato seed, and lined outside in rows about 4 inches apart as soon as weather permits. These will do well in any soil with good drainage and will give you a blooming size bulb the second year. It will be necessary to lift the bulbs grown from seed the first year, just after the first killing frost in the fall, and plant them back immediately in order to get them 4 to 6 inches deep. Pkt. 10 cts.; 1/8 oz. 25 cts.; 1/4 oz. 45 cts.

Delightfully Perfumed Regale Lilies

Linaria [a]

Culture B (Page 15). Sow seed 1/8 inch deep. Hgt. 8 in.; blooms in about 8 weeks from sowing seed.

3894 **FAIRY BOUQUET. Gold Medal Winner, All-America Selections, 1934.** Resembles miniature Snapdragons. Variety of colors. Pkt. 15 cts.; 1/64 oz. 25 cts.; 1/32 oz. 40 cts.

Moonflowers [ac]

(Ipomoea noctiflora)

Culture B (Page 15). Cut off small end of seed, soak and sow 1 inch deep. Climbing; prefers sun; blooms September to frost from spring sown seed. Ideal for trellises, arbors, etc.

4012 **NORTHERN LIGHT.** The earliest blooming of all the Moonflowers. Its lovely pink flowers are produced by the thousands all summer and fall. Pkt. 10 cts.; 1/4 oz. 15 cts.; oz. 30 cts.; 1/4 lb. 90 cts.

4014 **WHITE SEEDED.** Large in flower, firm in texture, and very fragrant. It bears in graceful profusion its immense, lovely, white flowers, 5 to 6 inches in diameter, with a five-pointed star in the center. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 40 cts.

4016 **Cross-Bred** or **Hybrid.** A variety of great value for the North, as it is in bloom a month earlier than the above. Flowers are pure white. Height, 20 to 40 feet. Pkt. 10 cts.; 1/4 oz. 25 cts.; oz. 40 cts.

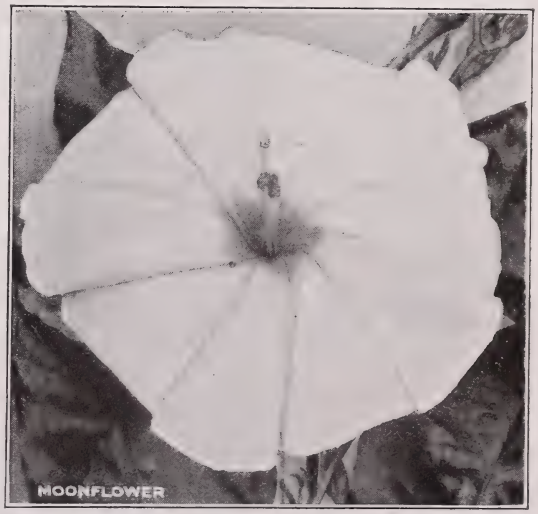
Mesembryanthemum [a]

(Livingstone Daisy)

Culture C (Page 15). Sow seed 1/16 inch deep. Ideal rock, carpet or edging plant.

3975 **CRINIFLORUM.** A profusion of daisy-like flowers, 2 to 3 inches across, in every imaginable shade and color. Pkt. 20 cts.; 1/32 oz. 40 cts.

See Our Big Bargain Counter on page 3

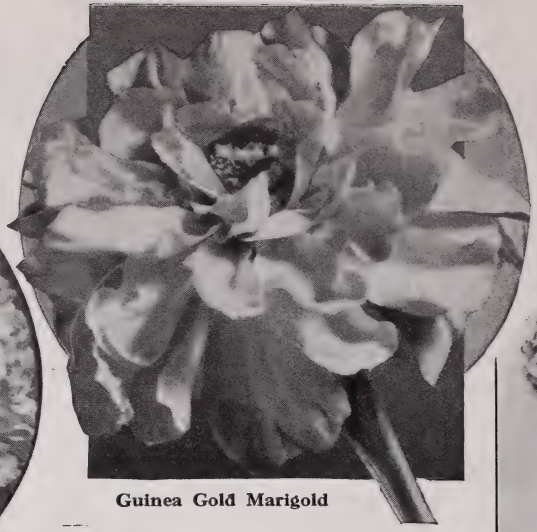


Lupine Inoculator

Lupins are legumes, and can absorb nitrogen only from the air through the aid of nodules on the roots. Inoculation of the seed greatly stimulates the growth of these nodules and makes for success with this flower.

Bottle (enough for several packets of seed) 25 cts. Postpaid.

Livingston's Yellow Supreme Marigold
Gold Medal Winner All-America Selections, 1935



Guinea Gold Marigold

French Marigolds
Little Brownie

MARIGOLDS

The Large African Marigolds

Culture B (Page 15). Sow seed ⅛ inch deep. Large flowering sorts of orange and lemon shades. Hgt. 2 to 3 ft.; prefers sun; blooms July to October from spring sown seed. Fine for beds, borders and cutting.

Livingston's New Full "Carnation-Flowered" MARIGOLD "YELLOW SUPREME"

Gold Medal Winner, All-America Selections, 1935

Developed and Introduced by us

3934 This New Marigold is the result of several years of careful breeding at our flower trial grounds. It is similar to "Guinea Gold" but of a pure lemon-yellow color, fully Carnation-flowered, 3 to 4 inches across, quite early and very profuse. For complete description and colored illustration see inside front cover. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 35 cts.; ¼ oz. 55 cts.

3938 **Dixie Sunshine.** **Award of Merit, All-America Selections, 1936.** An entirely new type. Flowers are double golden yellow, being made up of many tiny 5-petalled florets. Late flowering; should be started very early in north. Illustrated on page 7. Pkt. 25 cts.; 1/16 oz. 35 cts.

3935 **Guinea Gold** **RESELECTED. Gold Medal Winner, All-American Selections, 1933.** A brilliant orange flushed with gold. 100% semi-double and double, ruffled, with loose placed petals. Pyramidal habit of growth, 2 to 2½ feet tall. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

3936 **NEW ORANGE, ALLDOUBLE MARIGOLD.** A new development in Marigolds. So called because such a large per cent come double. A beautiful large flower. We are pleased to offer this African strain and are sure you will be enthusiastic about it. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

3940 **LEMON BALL.** Extra-large, round, double canary-yellow flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 75 cts.

3942 **ORANGE BALL.** Enormous, double, intense rich orange flowers. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

3944 **Mammoth Tall, Mixed.** Height, 3 feet. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 75 cts.

3946 **Mammoth Dwarf, Mixed.** Height, 1½ feet. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 60 cts.

Marvel of Peru (Four O'Clock or Mirabilis) a

Culture B (Page 15). Sow seed to depth four times their size. Hgt. 2 ft.; sun; blooms July to October and endures poor soil and drought. Covered with large, showy, very fragrant blooms.

3970 **Variegated.** These flowers in many colors, contrast finely with the golden-hued foliage. Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 25 cts.

3972 **Finest Mixed.** Pkt. 10 cts.; ¼ oz. 15 cts.; oz. 25 cts.; ¼ lb. 60 cts.

French Marigolds

The small, velvety flowering sorts. Hgt. 1 to 2½ ft.; prefers sun; blooms July on from spring sown seed. Fine for bedding, edging, cutting and pot plants.

3956 **Royal Scot.** *New.* Flowers of mahogany and gold in symmetrical stripes on a 24 to 30 inch plant. Pkt. 15 cts.; ⅛ oz. 30 cts.; ¼ ox. 50 cts.

3948 **LEGION OF HONOR. (Little Brownie).** Handsome single variety, covered with a multitude of flowers. In color it is a velvety golden yellow blotched with purple. Illustrated above. Height, 1 ft. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 60 cts.

3950 **Tall Double, Mixed.** A splendid assortment of all the best colors in striking combinations. Height 2½ ft. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 60 cts.

3952 **DWARF DOUBLE, MIXED.** Mixture similar to No. 3946 in colors, but the plants grow more dwarf. Height, 1 foot. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.; oz. 60 cts.

3958 **TAGETES, SIGNATA PUMILA. (Golden Border.)** A dwarf Marigold, 6 to 8 inches high; literally covered with small twinkling yellow flowers, having a brown stripe down the center of each petal. Splendid for edging beds. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

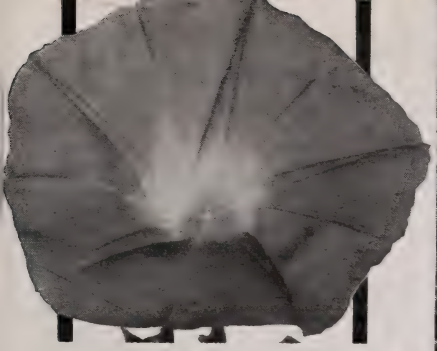
LADIES' GARDEN GLOVES
Dirt-Proof, Durable, Washable
Add a pair to your order—See page 14

Mignonette (Reseda) a

Culture C (Page 15). Sow seed ⅛ inch deep. Grows 12 to 15 inches high; prefers sun or partial shade; blooms July to October from spring sown seed; large, deliciously fragrant blooms. Used for bedding, potting and cutting. For best results pinch out top when about 2 inches high.

3984 **Odorata.** Pkt. 10 cts.; ⅛ oz. 15 cts.; ¼ oz. 25 cts.

3986 **Finest Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.



Heavenly Blue Morning Glory

Double White Beauty Morning Glory

Bouquet Type Myosotis

Morning Glories *a*

Culture B (Page 15). Soak seed overnight, sow ½ inch deep. Prefers sun; blooms August to frost from spring sown seed. Blooms best in dry, sandy location and with little fertilization. Fine for trellises and screening.

Livingston's New Double White Beauty

Developed and Introduced by us

3998 *New.* **Our own introduction for 1935.** A beautiful pure white double flower, frilled and ruffled. Early, free flowering plants that are healthy and vigorous. Ideal for the "White Garden." More fully described on page 8. Pkt., 15 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.

3999 **New Double Rose Marie.** A lovely new, double pink, early, free-flowering variety. The flowers are a beautiful shade of deep rose of double and semi-double form. They should become as popular as the new Heavenly Blue. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 45 cts.

4001 **Heavenly Blue.** A new variety that is bringing new and deserved popularity to this flower. An early blooming climber, literally covered with lovely flowers of sky-blue, shading lighter toward center. Flowers measure 3½ inches across. Blooms all summer. Illustrated above. Pkt., 15 cts.; ¼ oz., 30 cts.; oz., 85 cts.

4002 **GIANT IMPERIAL JAPANESE.** Magnificent in size and bloom—4 to 6 inches across. Great variety of rich and delicate colors, tints and markings. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

4000 **Convolvulus major.** These are the old-fashioned favorites that everybody loves. Grows quickly and clings to anything. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

4004 **Finest Mixed Japanese.** Variety of colors and shades. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

Nicotiana *a*
(Sweet-scented Tobacco)

Culture B. Sow seed 1/16 inch deep. Hgt. 2 ft.; sun or partial shade; blooms July to frost.

5000 **Affinis.** Pure white. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

5002 **Sanderae.** Carmine-red. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Nigella *a*
(Love-in-a-Mist)

Culture D. Sow seed ⅛ inch deep. Hgt. 18 in.; sun or partial shade; blooms July to frost from spring sown seed. Free-flowering plants with finely cut foliage. Curious flowers and seed-pods.

5006 **Mixed.** Pkt., 10 cts.; ⅛ oz., 15 cts.; ¼ oz., 25 cts.

Myosotis
(Forget-me-not)

Culture F (Page 15). Sow seed 1/16 inch deep. Hgt. 6 to 10 in. Does best in moist, shady location. Blooms first year from early sown seed and thereafter from April to June. For edging and rock gardens.

4020 **Palustris.** *rp* (True Forget-me-not). Beautiful blue. Hgt. 6 inches. Pkt. 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.

4022 **Alpestris.** *b* Blue. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

4026 **Alpestris rosea.** *b* Pink. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

4024 **Semperflorens.** *rp* Dwarf Forget-me-not; beautiful blue flowers. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.

4032 **Blue Bouquet.** *b* Pkt., 15 cts.; 1/16 oz., 30 cts; ⅛ oz., 50 cts.

4033 **Indigo Blue Bouquet.** *b* Pkt., 15 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.

4034 **Pink Bouquet.** *b* Pkt., 15 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.

4030 **Finest Mixed.** Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Livingston's Serial Picture Story—Continued from page 29

Here is another group of pictures from various gardens of our patrons. Just look at the profusion of bloom of wilt-resistant Asters in the first one. The next two are from shots taken in the beautiful gardens of Mrs. A. L. Evans, near Columbus. And next we have a border of "Sunshine" Calendulas, the best we have ever seen grown in the open. The last two are from Rev. R. S. Vandevere, Berwick, Pa., who expresses admiration at the results he has had.

Continued on page 44.

NASTURTIUMS

Double Gleam Nasturtium

Dwarf Varieties

Culture C (Page 15). Sow seed to depth four times their size. Succeeds in any ordinary soil preferably that which leans to being poor thus preventing too much foliage. Partial sun; blooms in early summer from spring sown seed and continues until frost.

Double, Sweet-Scented Gleam and Gem Varieties

The greatest sensation of recent flower introductions. Both types have flowers which are identical, the Gleam plants being semi-dwarf with short runners while the Gem plants are truly dwarf, totally without runners. The flowers, mounted on long, wiry stems, are large and sweet-scented; a large percentage coming double, two features heretofore unknown in Nasturtiums.

4100 **DOUBLE GOLDEN GLEAM. Gold Medal, All-America Selections, 1933.** Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 65 cts.

4102 **DOUBLE SCARLET GLEAM. Gold Medal, All-America Selections, 1935.** Fiery orange-scarlet (See page 7). Pkt. 15 cts.; ¼ oz. 25 cts.; oz. 45 cts.

4110 **Double Gleam Hybrids. Award of Merit, All-America Selections, 1935.** Many gorgeous colors of dazzling beauty (See page 7). Pkt. 15 cts.; oz. 30 cts.; ¼ lb. 90 cts.

4112 **DWARF DOUBLE GOLDEN GEM. (Globe) Award of Merit, All-America Selections, 1936.** Identical in color with Golden Gleam above. First named color in the new Gem types. Fully dwarf plants without runners. Fully described on page 6. Pkt. 25 cts.; ¼ oz. 40 cts.; oz. $1.00.

4120 **Dwarf Double Gem Mixture.** Composed of an evenly balanced range of cheerful colors similar to those found in Gleam Hybrids but having true dwarf plant without runners. Pkt. (25 seeds) 25 cts.; ¼ oz. 40 cts.; oz. $1.00.

Single Varieties

4070 **Rose.** Deep rose color.
4072 **Beauty.** Yellow and scarlet.
4074 **Aurora.** Primrose to pink.
4076 **Pearl.** Amber-white.
4078 **Prince Henry.** Pale yellow, spotted carmine.
4080 **Regelianum.** Purplish-crimson.
4082 **Ruby King.** Bluish-rose.

Above separate colors: Pkt. 5c; oz. 20c; ¼ lb. 50c; lb. $1.25.

4088 **QUEEN OF HOLLAND, MIXED, (Lilliput Hybrids).** Dainty type of dwarf growth; about 6 inches. The flowers are produced in many brilliant shades and color combinations. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 60 cts.

4086 **DWARF QUEEN, MIXED.** Tom Thumb varieties of the marble-leaved Queen sorts. Many colors and new hybrids. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.

Livingston's Sunburst Collection
One packet of each above seven Dwarf Varieties
PRICE Postpaid to any address at the low price 25 cts.

4084 **CHOICE DWARF, MIXED.** Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 40 cts.

4090 Livingston's Glory of the Garden Mixture

This is our best mixture of the dwarf varieties. It is composed exclusively of the most elegant large-flowered sorts, and the brilliantly colored flowers range through every shade and tint known.
Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

Tall Varieties for Background and Trellis Decoration

Culture C. Sow seed to depth four times their size. Hgt. 3 to 6 ft.; sun or partial shade and any ordinary soil.

4054 **TALL MIXED NASTURTIUMS.** There is no flower of which you need seed in larger quantities for liberal planting than Tall or Climbing Nasturtiums. For the low price, this mixture is very choice. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. 90 cts.

4056 **MADAM GUNTHER, MIXED HYBRIDS.** These are of French origin and for rich and striking colors are not surpassed by any climbing Nasturtiums. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.25.

4060 Livingston's Top-Notch Mixture Giant-Flowering Nasturtiums

A wonderful diversity of colors and new striking combinations, containing shades of yellow, rose, scarlet, orange, lemon, bronze, maroon, ruby, cream and pink, both in solid colors and mottled and striped in many showy and exquisite ways.
Pkt. 10 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.35.

Giant-Flowering Varieties

4040 **Giant Golden Yellow.** Mammoth flowers.
4042 **Giant Rose.** A soft rosy-pink color.
4044 **Giant Cream and Pink.** Very dainty.
4046 **Giant Lemon and Rose.** Pleasing combination.
4048 **Giant Deep Crimson.** Deepest dark reds.
4050 **Giant Striped Hybrids.** Shades and tints.
4052 **Giant Brilliant Scarlet.** A flaming beauty.
Any one above: Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 45 cts.

Perfection Collection
Giant-Flowering Nasturtiums
One of our most astonishing collection offers
7 Packets as listed above Postpaid to any address 25 cts.
FIVE COLLECTIONS FOR $1.00

See Big Flower Seed Bargain Counter, page 3.

PANSIES

From the Best European Specialists.

Culture F (Page 15). Sow seed 1/8 inch deep. Hgt. about 6 ins. They thrive best in a rich soil and cool, moist, partially shaded location. Seed sown outside after frost will bloom in fall. For earlier blooms start inside and for extra early bloom start in the fall and carry over in a cold frame. When transplanting, cut back the tops if they are too spindly and tall. Picking blossoms regularly will give better plants for later bloom. If plants become untidy later, cut them back and they should bloom again. Our strains are imported direct by us from the most noted foreign Pansy Specialists and should give you unbounded satisfaction. Prices by ounce or larger quantities will be quoted upon application.

Leaflet on the culture of Pansies free to customers.

5020 Swiss Giants, Mixed

Swiss Giants are of recent introduction, coming direct from Switzerland. This mammoth **New** strain, often measuring 3½ inches across, is composed of well-rounded, perfectly shaped flowers, thick velvety petals, with a multitude of harmonious and enchanting shades, colorings, and markings. It includes the richest reds, coppers, bronzes, and yellows, together with the delicate rose-pinks and those beautiful light blues so much desired in Pansies. One of the outstanding features of this wonderful strain is that the long, stiff stems hold the flowers well above the foliage; and the fact that the blooms retain their size almost throughout the season makes it most valuable as a cut-flower.

Pkt., 25 cts.; 1/16 oz., 85 cts.; 1/8 oz., $1.50.

Swiss Giants in Separate Colors

New hybrids developed from Swiss Giants by Roggli, a Pansy Specialist in Switzerland. Creating quite a sensation among Pansy growers and much in demand for florists' use. The plants are robust; the flowers are very large, of heavy texture and borne on long, strong stems.

5018 **CARDINAL (Alpenglow).** Striking and attractive shades of cardinal and garnet red. Pkt. 25 cts.; 1/16 oz. 85 cts.

5019 **LAKE OF THUN (Ullswater).** A rich ultramarine blue with darker blue-black center. Pkt. 25 cts.; 1/16 oz. 85 cts.

5012 Livingston's Giant Trimardeau Mixture.

These are among the largest flowered of all Pansies. This splendid mixture is a blended combination of Giant-flowering types. A most showy class of robust and very compact growth. Contains all colors and produces large blooms, carried well above the foliage, on long stems. Pkt. 10 cts.; 1/16 oz. 25 cts.; 1/8 oz. 40 cts.; ¼ oz. 75 cts.

Swiss Giant Pansy in Natural Size

5010 **LIVINGSTON'S EXTRA-FANCY MIXTURE.** Blossoms are borne on long stems and are distinguished for their gorgeous and varied colorings and beautiful markings. They are of fine substance, velvety texture, perfect form, and giant size, frequently measuring 3 inches in diameter. Pkt., 25 cts.; 1/16 oz., 75 cts.; 1/8 oz., $1.25.

5022 **GIANT RUFFLED MASTERPIECE.** Petals are curled and undulated, giving the flower a globular appearance. Large blooms, beautifully blotched. Pkt., 15 cts.; 1/16 oz., 35 cts.; 1/8 oz., 60 cts.

5024 **LIVINGSTON'S SPECIAL FLORISTS MIXTURE.** Carefully prepared to meet the florist's need. Contains only our finest large-flowering sorts in the light and dainty shades. Mammoth in size, exquisite in coloring, and perfect in form. Pkt. 15 cts.; 1/16 oz. 50 cts.; 1/8 oz. 95 cts.

5040 **Bedding Pansies.** Valuable for bedding where size is not of most importance. Pkt. 10 cts.; 1/16 oz. 20 cts.; 1/8 oz. 30 cts.

See the inside back cover page for "OUR GREAT DOLLAR COLLECTION OF 'TRUE BLUE' VEGETABLE SEEDS"

Specimen from Extra-Fancy Mixture

Giant Pansies in Separate Colors

Especially desirable for bedding where large flowers are preferred in working out particular color schemes.

5026 **Giant Red** 5028 **Giant White** 5030 **Giant Blue**
5032 **Giant Black** 5034 **Giant Yellow** 5036 **Giant Purple**

Any one above: Pkt., 10 cts.; 1/16 oz., 30 cts.; 1/8 oz., 50 cts.

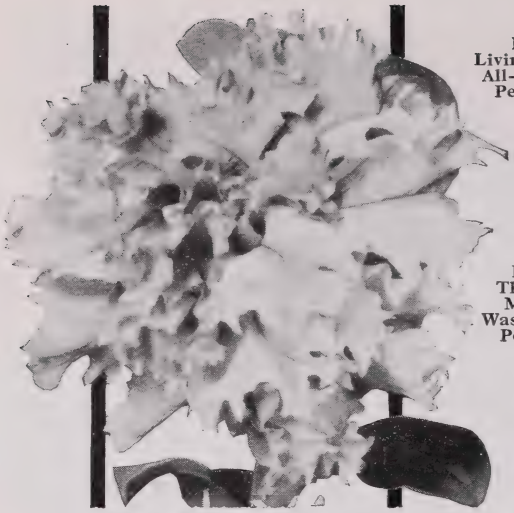
GIANT SIX PANSY COLLECTION—One pkt. each **50 cts.**

Mrs. Geo. Messer, Cuyahoga Co., Ohio, writes: "*Your Yellow Supreme Marigolds were the most beautiful I have ever seen. Planted with Heavenly Blue Morning on the south side of the house it was a sight to behold. I had many people stop their cars and inquire about both flowers.*"

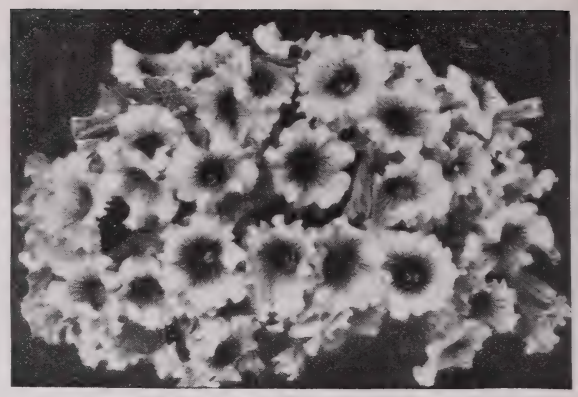
If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. Not poisonous to plants and will not injure animals. Not offensive to humans. Applied with sprayer; lasts 3 to 4 weeks. Saves its cost many times over around the garden and home.

"DOGZOFF"

PRICE FOR SEASON'S SUPPLY 69c. POSTPAID.



Left Livingston's All-Double Petunia



Right The New Martha Washington Petunia

PETUNIAS

Bedding Petunias

5076 **Dainty Lady.** **Award of Merit, All-America Selections, 1936.** Delicate golden yellow. Fully described on novelty page 6. Pkt. only (50 seeds) 25 cts.

5078 **Dwarf Rosy Morn.** **IMPROVED.** A new creation in the popular Rosy Morn Petunia. A much dwarfer plant, literally covered with slightly brighter flowers of rose-carmine, fading to a creamy yellow throat. Pkt. 25 cts.; 1/64 oz. 75 cts.

5064 **ROSY MORN.** A soft carmine-pink with white throat. Pkt. (500 seeds) 15 cts.; 1/16 oz. 30 cts.

5065 **BLUEBIRD (Violacea).** Dwarf, compact bushes and small, violet-blue flowers. Pkt. (400 seeds) 10 cts.; 1/16 oz. 30 cts.

5068 **ROSE OF HEAVEN.** Rich bright rose with inconspicuous white throat, a free bloomer. Pkt. (500 seeds) 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

5070 **MARTHA WASHINGTON. Award of Merit, All-America Selections, 1935.** Blush pink deepening to dark violet throat. Dwarf, compact, 9 inch plant. Illustrated above. Pkt. (200 seeds) 25cts.; 1/64 oz. 80 cts.

5071 **MINIATURE ROSE GEM.** Charming addition to the new miniature group. Compact plant, 6 inches high, with rich rose blooms about 2 inches in diameter. (Illustrated on page 6.) Pkt. (150 seeds) 25 cts.; 1/64 oz. 75 cts.

5069 **Miniature Pink Gem.** Pkt. (200 seeds) 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 65 cts.

5075 **SETTING SUN.** Brilliant deep rose, dark throat. Dwarf; free-flowering. Pkt. (150 seeds) 25 cts.; 1/64 oz. $1.25

5072 **Howard's Star.** Five-petaled blooms, having star-shaped markings of bluish-pink or white over maroon ground. Pkt. (500 seeds) 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

5074 **Striped and Blotched.** Endless variety of colors. Pkt. (500 seeds) 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

5080 **Finest Mixed.** Pkt. (500 seeds) 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Balcony Petunias

Most excellent for window- or porch-boxes.

5090 **White** 5092 **Rose** 5094 **Red**
5096 **Blue** 5098 **Mixed**

Any one above: pkt. (300 seeds) 15 cts.; 1/16 oz., 35 cts.; ⅛ oz., 60 cts.

The Cream of the Finest Strains

Culture A (Page 15). Sow seed on surface and merely cover. Easy to grow, withstands drought and succeeds most anywhere. They will give constant bloom from June until October. Sow seed in the open ground or start inside if earlier bloom is desired. For bushy, sturdy plants pinch off the tops when they are a few inches high. Nothing surpasses them for bedding, bordering and cutting. They also make fine house and porch-box plants.

Livingston's Giant All-Double Petunias

These are best started indoors and transplanted. Give the small, weak plants great care; they make the finest blooms. Illustrated in color on inside front cover.

5067 **All-Double Tall Giant Fringed.** An unapproached improvement in Petunias. 100% true double with 75% giant double and remainder medium sized "Carnation Flowered." The flowers are exquisitely fringed and ruffled and contain a good range of brilliant and suffused colors. Received much favorable comment last year. Pkt., (150 seeds) 50 cts.; ½ pkt. 30 cts.

5063 **All-Double Dwarf Giant Fringed.** The acme of all Petunias. Due to its dwarf habit, it even surpasses our New Tall All Double Strain (listed above). The flowers are identical but the dwarf nature of this one will unmistakably give it added popularity. Pkt. (100 seeds) 50 cts.; ½ pkt. 30 cts.

Large-Flowering Single Petunias

5052 **Theodosia.** A rosy pink, with a golden throat which contains minute stripes. Pkt. (200 seeds) 20 cts.

5053 **Elk's Pride.** The largest, darkest and best plain edged velvety purple. Pkt. (200 seeds) 20 cts.; 1/64 oz. 65 cts.

5056 **DWARF GIANTS OF CALIFORNIA.** (*Ramona Strain*). Beautifully ruffled and fringed, with open, well-marked throats. Pkt. (200 seeds) 20 cts.

5058 **GIANTS OF CALIFORNIA.** These are of great beauty, including fringed and deep-throated sorts in endless variety of colors. Pkt. (200 seeds) 15 cts.

5062 **RUFFLED GIANTS.** Giant flowers with large throat and exquisitely ruffled edges. The many bewitching shades and colors present a jeweled sight in the garden. Pkt. (200 seeds) 25 cts.

5060 **Coppery Red.** Very attractive new shade having giant ruffled flowers. Pkt. (150 seeds) 25 cts.

5054 **LIVINGSTON'S SUPERB SINGLE MIXED.** Flowers most varied in colors and markings, beautifully ruffled. Pkt. (200 seeds) 15 cts.; 1/64 oz. 50 cts.

Livingston's Elite Mixture Single Petunias

5050 Not just an ordinary mixture but one especially prepared for you who love variety, color and quality. A combination of the best large, deep-throated and the fringed and ruffled more dainty sorts. Preserve the weak plants; they make the best blooms.

Pkt. (200 seeds) 25 cts.; 1/64 oz. 85 cts.

Phlox

a ANNUAL, culture A (Page 15). Sow seed ⅛ inch deep. Hgt. 12 in. *p* PERENNIAL, culture J. Very slow to germinate; sow seed ½ inch deep. Hgt. 18 to 24 in.; prefers sun. Gives a constant display from July to September. Nothing surpasses it for beds, edgings, massing and rock-garden decoration. Fine for cutting. Try a bed of Phlox, mixed, edged with Ageratum.

6002 **Livingston's Prize Mixture.** *a* Not grown as such but made up from separate choice colors. Pkt. 15 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

Drummondi Grandiflora Types *a*

6004 **Bright Rose.** 6006 **Brilliant Scarlet.** 6008 **Crimson.** 6010 **Pure White.** 6012 **Yellow.**

Any one above: Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

6000 **DRUMMONDI, Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.; oz. 90 cts.

6014 **MIXED STAR-SHAPED.** *a* Long, pointed petals, star-like appearance. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

6018 **HARDY PERENNIAL, MIXED** (*P. decussata*). *p* Hardy herbaceous perennial and quite distinct from the varieties above. Seed is slow to germinate. Seedlings may not appear for a year. Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

Livingston's Prize Mixture, Annual Phlox

Pyrethrum *p*
(Feverfew or Painted Daisy)

Culture J (Page 15). Sow seed ⅛ inch deep. About 2 ft. high; prefers sun; blooms from May to July and frequently in September. Flowers are of bright shades. A valuable border and bedding plant. Makes splendid cut-flowers.

6070 **Roseum.** Bright rose, single flowering. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

6072 **Album.** White, single. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

6074 **Atrosanguineum.** Blood-red, single. Pkt. 15 cts.; 1/16 oz. 30 cts.

6076 **Single Hybrids, Mixed.** Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

6077 **Double Mixed.** Pkt. 25 cts.; 1/16 oz. 40 cts.; ⅛ oz. 75 cts.

6078 **DOUBLE AND SINGLE MIXED.** Pkt. 15 cts.; 1/16 oz. 35 cts.

Primulas *h*

Culture E (Page 15). Sow seed on surface and firm soil. Ideal house plants, but can be used outside in summer. Hgt. 1 foot. For succession of bloom make several sowings from March to August.

6060 **Obconica grandiflora, Large-flowering Hybrids.** Lovely and profuse blooming Primrose, bearing on long stems large heads of beautiful flowers, white, tinged lilac and rose shades. Pkt. 10 cts.; 1/32 oz. 75 cts.

6062 **Muller Mohnstein.** Mixture of rose and dark red. Large flowers. Pkt. 50 cts.; 1/64 oz. $1.35.

Hardy Primrose (Primula) *rp*

Culture F. Sow seed on surface and merely cover. Hgt. 1 ft.; partial shade; blooms April and May; fine for rock-gardens.

6064 **Veris, Mixed.** Large flowers. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.; ¼ oz. 90 cts.

6065 **Vulgaris.** Canary Yellow. Very fragrant. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.; ¼ oz. 90 cts.

Pentstemon (Beard Tongue) *p*

Culture J (Page 15). Sow seed ⅛ in. deep. Hgt. 2 to 4 ft.; sun.

5044 **New Giant Flowered, Mixed.** Bushy plant with trumpet-shaped flowers. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Physalis (Chinese Lantern Plant) *p*

Culture J (Page 15). Sow seed ⅛ in. deep. Hgt. 18 in.; sun or partial shade.

5998 **Franchetti.** Yellow flowers, dark center. Red balloon-like husks second year; useful in winter bouquets. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

Ranunculus (Buttercup) *rp*

Culture A (Page 15). Sow seed 1/16 in. deep. Hgt. 6 to 12 in.; sun; blooms in May.

6079 **Asiaticus.** Flowers are variable in color. Valuable for rockery and for cutting. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Pyrethrum Planting

Platycodon *p*
(Chinese Bellflower)

Culture K (Page 15). Sow seed ⅛ in. deep. Hgt. 2 to 3 ft.; sun; light, well drained soil.

6020 **Grandiflora, Mixed.** Campanula-like flowers having balloon appearance when in bud. Ever-lasting. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

Portulaca (Moss Rose) *a*

Culture B (Page 15). Sow seed 1/16 inch deep. Hgt. about 6 in. Plant in dry, sandy soil with full exposure to sun. Blooms profusely from July to October from spring sowing. They give a dazzling display in beds, borders, rock-gardens or porch-boxes.

6050 **Large-flowering Single Mixed.** Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

6052 **Large-flowering Double Mixed.** Pkt. 15 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.; ¼ oz. 75 cts.

Pot Marigold (Page 21), Rock Cress (Page 20), Rock Rose (Page 28)

POPPIES

Livingston's Double Annual Poppies
Our mixture of the beautiful double varieties in many bright and dainty colors.

Livingston's Oriental Hybrid Poppies

Annual Poppies

Culture C (Page 15). Sow seed ⅛ inch deep. Hgt. 18 to 24 in.; sun or partial shade; will grow in poor soil; blooms in July and August from spring sown seed.

6026 **Peony-flowered, Mixed.** Showy, double, globular flowers, almost equal to peonies. Finest colors. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 50 cts.

6028 **Carnation-flowered, Mixed.** Large double flowers, beautifully fringed. Colors of dazzling richness. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 50 cts.

6030 **LIVINGSTON'S GIANT DOUBLE-MIXED.** Improved double, giant-flowering kinds of the brightest colors, as well as the daintiest tints. Sturdy plants, 2 to 3 feet high; immense flowers, often 4 inches across. Pkt. 10 cts.; ¼ oz. 25 cts.; oz. 50 cts.

6036 **Tulip Poppies.** Large single flowers of dazzling scarlet. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

Annual Shirley Poppies

6031 **SWEET BRIAR.** New Shirley double Begonia-flowered novelty. A delightful shade of deep rose-pink with satiny petals all crinkled and crumpled. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

6032 **Single and Double Annuals Mixed.** Single, semi-double and double flowers, 3 to 4 inches across. Fluted and crinkled petals. Colors from pure white to deep blood-red. Pkt. 10 cts.; ¼ oz. 30 cts.; oz. 50 cts.

6034 **American Legion.** One of the most beautiful. A brilliant orange-scarlet with yellow antlers. Pkt. 10 cts ; ⅛ oz. 20 cts.; ¼ oz. 30 cts.

Iceland and Oriental Poppies *p*

Culture K (Page 15). Sow seed ⅛ inch deep. Sun or partial shade. Icelands are about 12 in. high and bloom from April to June. Orientals are 2 to 3 ft. and bloom in June and July. Best transplanted in August or later. Try the Orientals with Delphinium and Shasta Daisies.

6039 **EL MONTE.** ***rp*** New Iceland variety. Deep tangerine orange. Flowers are of large size, borne on long, wiry stems. Easily grown from seed in six months time. Pkt. 15 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

6041 **COONARA PINK.** ***rp*** New Iceland variety. Rose-pink suffused with salmon-pink. Flowers are borne on long, slender stems and are of wonderful delicacy. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 35 cts.

6038 **Iceland.** ***rp*** (*Papaver nudicaule*). Perfectly hardy; beautiful satin-like flowers of every shade of yellow, white, and orange-scarlet. Plants grow about 1 foot high, forming tufts, from which the flower stems issue. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

6040 **Double Mixed Iceland.** ***rp*** Splendid mixture of double varieties. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

6042 **Large Oriental.** Most popular variety in cultivation. Height, 3 feet. A dazzling scarlet with coal-black blotches. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 40 cts.

6044 **LIVINGSTON'S ORIENTAL HYBRIDS.** Enormous flowers, sometimes more than 6 inches in diameter. Colors include shades of cherry, salmon, darkest red, vivid crimson, and innumerable others equally fine. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

6046 **Princess Victoria Louise.** Oriental. Beautiful salmon-pink. Pkt. 10 cts.; 1/16 oz. 20 cts.; ⅛ oz. 30 cts.

Ricinus (Castor-Oil Bean) *a*

Culture B (Page 15). Sow seed to depth four times their size. Grows in sun or partial shade. Good for backgrounds and screening.

6080 **Zanzibariensis.** 12 to 14 feet. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.

6082 **Borboniensis.** 10 to 15 feet. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.

6084 **Cambobgensis.** Stem and stalks ebony-black. Foliage various shades. Height, 5 feet. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.

6086 **Gibsoni.** Deep red leaves. Height 5 feet; compact. Pkt. 5 cts.; oz. 20 cts.; ¼ lb. 50 cts.

6088 **Livingston's Mixture.** Unsurpassed for elegant blending. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 45 cts.

Primrose (Page 37), Red Hot Poker (Page 42), Reseda (Page 33)

Salvias (Flowering Sage) *a-p*

Culture A (Page 15). Sow seed ⅛ in. deep. Hgt. 18 to 36 in.; sun; blooms from August on and is literally ablaze with brilliant flowers. Used extensively for hedges and edging shrubbery.

6097 **Harbinger.** *New.* Earliest blooming variety. Started in February, starts blooming in June. Dazzling scarlet flowers and deep green foliage. Compact plant, 16 inches high. Pkt. 10 cts.; 1/16 oz. 40 cts.; ⅛ oz. 75 cts.

6090 **SPLENDENS GRANDIFLORA.** (Scarlet Sage). Gorgeous plants; numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Pkt. 10 cts.; ⅛ oz. 35 cts.; ¼ oz. 60 cts.

6092 **BONFIRE.** Erect spikes of brilliant, dazzling scarlet on bushy plants about 14 inches high. Pkt. 10 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

6094 **AMERICA (Globe of Fire).** A free, continuous bloomer. Uniformity of growth makes it valuable for bedding or planting in line. Height, 1½ feet. Pkt. 15 cts.; 1/16 oz. 35 cts.; ⅛ oz. 65 cts.

6099 **Farinacea.** *p* A decidedly different hardy variety. Grows 2 to 4 feet high but only 10 to 12 inches in width. Long spikes of light blue flowers. Needs winter protection. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 45 cts.

6098 **PATENS BLUE.** *p* Hardy variety growing 2 feet high. Large, rich blue flowers. Dig roots and winter in cold place. Pkt. 15 cts.; 1/16 oz. 30 cts.; ⅛ oz. 50 cts.

Salvia, Splendens

Sweet Scabiosa (Pin-Cushion Flower)

Annuals

Culture B (Page 15). Sow seed ⅛ inch deep. Hgt. 2 to 2½ ft. Spring sown seed gives bloom from June to October. Exquisite flowers on long stems; fine for cutting.

6114 **Shasta.** Pure White.
6116 **Azure Fairy.** Sky-blue.
6118 **Fiery Red.**
6124 **Flesh.** Deeply flushed.
6126 **Lilac.**
6128 **Cherry-Red.**
6130 **Black Prince.**
6115 **LOVELINESS.** Delicate salmon-rose shades.
6117 **PEACH BLOSSOM.** Beautiful peach-blossom pink.

Any one above; Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

COLLECTION: 9 separate colors above, value 90 cts. **75 cts.**

6132 **LIVINGSTON'S IMPROVED LARGE-FLOWERING, Finest Mixed.** A very fine mixture, containing all the finest large-flowering double sorts. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Large-Flowering Annual Scabiosa

Perennials

Culture J. Sow seed to depth four times their size. Sun; well drained soil.

6136 **CAUCASICA, Hardy.** 3 feet high; large lilac-blue flowers. Pkt. 10 cts.; 1/16 oz. 25 cts.; ⅛ oz. 40 cts.

6138 **CAUCASICA, ISAAC HOUSE STRAIN.** Improvement over Caucasica. More vigorous, stronger and longer stems and larger flowers. Pkt. 20 cts.; 1/16 oz. 35 cts.; ⅛ oz. 65 cts.

Saxifraga *rp*

Culture J (Page 15). Sow seed on surface and merely cover. Hgt. 1 ft.; sun or partial shade; blooms May and June. Fine foliage.

6156 **SAXIFRAGA, Mixed.** Masses of handsome, broad, deep green foliage. Pink and white flowers. Pkt. 15 cts.; 1/32 oz. 30 cts.; 1/16 oz. 50 cts.

6157 **Saxifraga, Mossy Varieties, Mixed.** A mixture of best moss varieties for rock gardening. Pkt. 20 cts.; 1/32 oz. 75 cts.

Salpiglossis (Painted Tongue) *a*

Culture A (Page 15). Sow seed ⅛ inch deep. Hgt. 18 in.; sun or partial shade; blooms July to September.

6100 **MIXED.** Delicate reds, deep blues, whites and other colors, striped with veins of gold. Petunia-like blooms borne on thread-like stems. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

Sanvitalia *a*

Culture C (Page 15). Sow seed ⅛ inch deep. Hgt. 6 in.; blooms from June to October.

6110 **Procumbens, Double.** Creeping, prostrate plants with golden-yellow flowers much like tiny Zinnias. Pkt. 10 cts.; ⅛ oz. 30 cts.; ¼ oz. 50 cts.

Saponaria *rp*

Culture J (Page 15). Sow seed 1/16 inch deep. Hgt. 6 in.; sun; blooms from June to August.

6112 **Ocymoides Splendens.** Trailing rock plant. Masses of vivid crimson flowers. Pkt. 10 cts.; ⅛ oz. 25 cts.; ¼ oz. 45 cts.

One Plant of Saponaria

Sea Lavender (Page 40), Sunflower (Pages 40, 42)

Fragrant Stocks

Scarlet Runner Bean *ca*

Culture C (Page 15). Sow seed to depth four times their size. Excellent for porches and trellises.

6146 An ornamental climber. Bright scarlet sprays of bloom, followed by edible beans. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.

Schizanthus (Butterfly Flower) *ra*

Culture B. Sow seed 1/16 in. deep. Hgt. 18 in.; blooms July to September; popularly called "Poor Man's Orchid."

6140 **Mixed.** Fine fern-like foliage; oddly marked and queerly shaped flowers in various shades. Pkt., 10 cts.; 1/16 oz., 25c.; ⅛ oz. 40 cts.

Sensitive Plant *a*

Culture B (Page 15). Sow seed ⅛ inch deep.

6150 A curious plant; the leaves close and droop at the slightest touch or during cloudy, damp weather. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

Silene (Catchfly) *p*

Culture J (Page 15). Sow seed 1/16 in. deep. Hgt. 6 in.; sun or partial shade; trailing; blooms July to October.

6160 **Schafta.** Bright rose, fine autumn border or rock plant. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Antirrhinum or Snapdragons, See Page 19.

Fragrant Stocks *a*

Culture A (Page 15). Sow seeds 1/16 inch deep. Hgt. 18 to 30 in.; sun; blooms August to October from spring sown seed. Fine for bedding, cutting and pot culture.

6174 **Finest Mixed.** Large-flowering double flowers embracing many colors and shades. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

6176 **GIANT PERFECTION, MIXED. (Cut-and-Come Again Variety.)** Our best mixture, containing the cream of the list in finest colors. Pkt., 10 cts.; 1/16 oz., 20 cts.; ⅛ oz., 35 cts.

Double Early Giant Imperial Stocks

Branching habit with large flowers on long stems. Very early blooming with high percentage of doubles. Height 26 inches. Illustrated on page 9.

6177 **Blood Red** 6177½ **Lavender** 6178½ **Rose**
6178 **Buttercup,** rich yellow. 6179 **Mixed,** all colors.
Any one above: Pkt., 15c; 1/16 oz., 30c; ⅛ oz., 55c.

Statice (Sea Lavender)

***a* ANNUAL, Culture D (Page 15). *p* PERENNIAL, Culture J. Separate seed, lay on side and cover ⅛ in. Hgt. 18 to 24 in.; sun; blooms July to August. Makes good everlastings.**

6180 **True Blue** *a* 6185 **Bonduelli Yellow** *a*
6182 **Rosea Superba** *a* 6186 **Mixed Annual**
6184 **White** *a*
Any one above: Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 65 cts.

6188 **DUMOSA.** *rp.* New. Hardy variety for rock work; rose colored flowers. Height 12 inches. Pkt., 10 cts.; 1/16 oz., 35 cts.; ⅛ oz., 65 cts.

Stachys (Lamb's Ear) *rp*

Culture J. Sow seed on surface and merely cover. Hgt. 1 to 1½ ft.; sun.

6164 **Lanata.** Grown principally for its dwarf, white woolly foliage. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.

Stokesia (Cornflower Aster) *p*

Culture J (Page 15). Sow seed ⅛ inch deep. Hgt. 18 to 20 in.; sun; blooms July to late October. Valuable bedding plant.

6170 **Cyanea.** Bachelor's button-like, light lavender-blue flowers, several inches in diameter. Pkt., 10 cts.; 1/16 oz., 25 cts.; ⅛ oz., 40 cts.; ¼ oz., 75 cts.

Sunflower (Helianthus) *a*

Culture C (Page 15). Sow seed to depth four times their size. Hgt. 4 to 6 ft.; sun; withstands drought; blooms September and October.

6190 **Miniature Hybrids.** Profuse bloomer; mixed colors. Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 65 cts.

6192 **Globe of Gold.** Double, globe-shaped. Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 50 cts.

6194 **Livingston's Mixture.** Pkt., 10 cts.; ⅛ oz. 15 cts.; ¼ oz., 25 cts.; oz., 75 cts.

Sweet Williams
(Dianthus Barbatus) *p*

Culture K (Page 15). Sow seed ⅛ inch deep. Hgt. 12 to 18 in.; sun or partial shade. An easily grown perennial from seed sown outside. Usually does not bloom until second season from May to July. Deliciously fragrant and unsurpassed for cutting.

6284 **Livingston's Miracle Mixture.** Our own improved strain. Exceptionally large, symmetrical heads of every conceivable color and shade from white to almost black. Pkt., 15 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

6287 **SCARLET BEAUTY.** Large heads of an intense scarlet color. A charming and distinct sort and one that every lover of Sweet Williams should have this year. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

6288 **Pink Beauty.** A beautiful salmon-pink. Pkt. 10 cts.; ⅛ oz., 25 cts.; ¼ oz. 40 cts.

6290 **Double Mixed.** Very superior, containing all colors and shades. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

6292 **Single Mixed.** A very choice assortment of all the best single-flowering varieties. Pkt. 10 cts.; ⅛ oz. 20 cts.; ¼ oz. 35 cts.

6294 **DOUBLE and SINGLE MIXED.** This mixture is made by blending the double and single-flowering varieties. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 35 cts.

Sweet William Planting

Spencer Sweet Peas

The Spencer Sweet Peas have been a striking advance in flower breeding. They have long stems and usually 4 gigantic blooms.
Sweet Pea seed should be sown as early as possible in the spring. If convenient, prepare the soil in the fall, mixing in Bone-Meal or 4-12-4 Plant Food. In ordinary culture sow in furrow 3 to 4 in. deep covering seed 1 in. When started thin plants to 4 in. apart. When cultivating, draw soil to row, filling furrow. When plants are 12 to 14 inches high, nip out center to encourage branching. Give plenty of water and do not let seed pods form. Pick blooms daily by pulling toward the center. Do not cut them.

A leaflet "How to Grow Sweet Peas" sent free on request.

Extra-Early Flowering Spencers

A real addition to the garden of those who want early Sweet Peas. While they are used almost exclusively by the greenhouse trade, they do equally well outside, the only difference being that the blossoms are just a trifle smaller. This early selection retains all of the Spencer characteristics, usually having four blooms on a long, stiff stem.

6250 **Glitters.** Cerise-scarlet.
6251 **Fragrance.** Lavender.
6252 **Harmony.** Clear lavender.
6254 **Torch.** Salmon-orange.
6256 **Zvolanek's Pink.**
6257 **Lady Gay.** Shrimp-pink.
6263 **Blue Bonnet.** Deep blue.
6266 **White Harmony.**
6268 **Early Aviator.** Glowing crimson.

Any one above: Pkt., 15 cts.; oz., 50 cts.; ¼ lb., $1.50.

6253 **Fascination.** Salmon rose-pink.
6261 **Valencia.** Bright orange.

Any one above: Pkt., 15 cts.; oz., 60 cts.; ¼ lb., $1.75.

6270 **MIXED.** All the best extra-early flowering varieties. Pkt., 15 cts.; oz., 40 cts.; ¼ lb., $1.25.

Standard Flowering Spencers

6200 **Mary Pickford.** Cream-pink suffused salmon.
6202 **Campfire.** Bright, sunproof scarlet. Profuse.
6203 **Red Boy.** A pure, rich crimson. Long stems.
6204 **King Edward.** Scarlet and rosy carmine.
6205 **Powerscourt.** Best lavender.
6212 **George Shawyer.** Orange, shaded salmon.
6214 **Hawlmark Pink.** Rich rose-pink flushed salmon.
6216 **Royal Scott.** True orange-cerise-scarlet.
6218 **Warrior.** Rich deep maroon blooms of fine form.
6220 **Mrs. Tom Jones.** A real, azure-blue.
6222 **Royal Purple.** Best purple. Improves with age.
6226 **King White.** Glistening white. Gigantic size.
6232 **Valentine.** Deep blush-pink. Well-formed flowers.
6234 **Pinkie.** Rich rose-pink. Large and vigorous.

Any one above: Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

Livingston's Special Collection of Spencer Sweet Peas

6200 **Mary Pickford.**
6202 **Campfire.**
6205 **Powerscourt.**
6220 **Mrs. Tom Jones.**
6222 **Royal Purple.**
6226 **King White.**
6234 **Pinkie.**
All Listed Above.

Seven Liberal Packets for 35 cts., Postpaid

6240 **SPENCER, MIXED.** Many of the best named sorts, also some rare new hybrids in lavender, blue, striped, mottled, purple, maroon and many other shades, are included in this good mixture. All flowers are of large size, typically frilled and waved. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Livingston's Gilt-Edge Mixture of Grandiflora Varieties

This is a very superior mixture, made up of over 50 of the finest named varieties of this older type. All are bright colors.
6248 **Gilt-Edge Mixture.** Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.

Extra Early Flowering Spencers

Livingston's Superb Special Spencer Mixture

6244 The different sorts contained in this mixture are grown separately and we mix them ourselves in proper proportions to give the most brilliant effect. Embraces the finest Spencer varieties, including latest novelties, and will produce a great abundance of giant flowers in many beautiful colors, including mottled, blended, flaked and striped sorts. This superb mixture is, without exception, the finest it is possible to make and offer at this price.
Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.

Hardy Sweet Peas
(Lathyrus latifolius)

Culture K. Soak seed overnight, sow ½ inch deep.

Showy, free-flowering perennial. Blooms continuously from early spring until mid summer. Although lacking fragrance, they are very valuable because they will last almost indefinitely. A very vigorous grower, often growing 8 to 10 feet.
6274 **White.** Pearly white.
6278 **Red.** Reddish purple.
6276 **Pink.** Rich rose-pink.
Above colors, pkt., 15 cts.; ⅛ oz., 25 cts.
6280 **Mixed.** All colors mixed. Pkt., 15 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

Garden Trowels

Transplanting Trowel. 35 cts. Postpaid.
Pressed Steel. 6-in., 45 cts., postpaid.
Forged Steel. 5-in., 60 cts.; 7-in., 75 cts. postpaid. Be sure to state size wanted.

Erecta Type Verbena, Fireball

Verbenas *a*

Culture B (Page 15). Sow seed 1/8 inch deep. Hgt. 6 to 12 in.; will grow in any good garden soil in sun or partial shade. It is spreading, forming a carpet of green with large flower heads of many shades from July to October from spring sown seed. Cut the flowers as they begin to fade for more abundant bloom.

Mammoth Types

6340 **Defiance.** Scarlet. 6346 **Pink Varieties.**
6342 **Blue Varieties.** 6348 **Pure White.**
6344 **Striped Varieties.** 6350 **Purple.**
Any one above, pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 40 cts.

COLLECTION: One packet each above 6 colors **50c**

6360 **LIVINGSTON'S MAMMOTH MIXED VERBENAS.** All colors. Pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 40 cts.

Hybrida Grandiflora Types

6365 **Beauty of Oxford** Award of Merit, 1933. Brightest rose ever produced from seed. Shades from clear rose-pink to rose-red. Pkt., 10 cts.; 1/8 oz., 35 cts.; 1/4 oz., 65 cts.

6364 **LUMINOSA.** A flaming pink shading to salmon; white eye. Pkt., 10 cts.; 1/8 oz., 30 cts.; 1/4 oz., 50 cts.

Compacta Erecta Type

6368 **FIREBALL.** *ra* A dwarf compact sort about 6 inches high, bright scarlet blooms. Pkt., 10 cts.; 1/8 oz., 35 cts.; 1/4 oz., 65 cts.

Veronica (Speedwell) *rp*

Culture J (Page 15). Sow seed 1/16 inch deep. Hgt. of varieties vary from 1 to 36 inches; sun or partial shade.

6331 **Prostrata.** Trailer. Blue and white flowers. Blooms June and July. Pkt., 15 cts.; 1/16 oz., 50 cts.; 1/8 oz., 90 cts.

6332 **Repens.** 1 inch carpeting plant. Blue flowers. Blooms May and June. Pkt., 15 cts.; 1/16 oz., 30 cts.; 1/8 oz., 50 cts.

6334 **Spicata.** Beautiful dark blue spikes about 18 inches high. Blooms June and July. Pkt., 15 cts.; 1/16 oz., 25 cts.; 1/8 oz., 40 cts.

6330 **Veronica, Tall Mixed.** 2 to 3 ft. Pkt., 10 cts.; 1/16 oz., 20 cts.; 1/8 oz., 30 cts.

Tithonia
(A Mexican Sunflower)

Venedium
(A South African Daisy)

Tithonia *a*

Culture C. Sow seed to depth four times their size. Sun; desirable for border planting and as cut-flowers.

6304 **Speciosa** (*Mexican Sunflower*). Orange vermillion flowers, resembling single African Marigolds, on woody stems. Foliage and habit of growth like Dahlias. Pkt., 10 cts.; 1/8 oz., 30 cts.; 1/4 oz., 50 cts.

Venedium *a*

Culture B. Sow seed 1/8 inch deep. Hgt. 2 to 3 ft.; requires sun; ordinary soil and little fertilizer; blooms over long period.

6325 **FASTUOSUM.** Deep orange, daisy-like, 4 to 5 inch flowers, with reddish brown disc at base of petals and purple-black center. Fine greyish, silky foliage adds to its beauty. Pkt., 10 cts.; 1/16 oz., 35 cts.; 1/8 oz., 60 cts.

Thunbergia (Black Eyed Susan Vine) *ca*

Culture B (Page 15). Sow seed to depth four times their size. Hgt. 5 ft.; requires sun.

6300 **Mixed.** Rapid growing climbing or trailing plant for hanging baskets or trellises. Pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 40 cts.

Torenia (Wishbone Flower) *ra*

Culture G (Page 15). Sow seed on surface and merely cover. Hgt. 1 ft. Fine for pots or hanging baskets.

6306 **Fournieri.** Bushy plant, snapdragon-like blue flowers. Pkt., 10 cts.; 1/16 oz., 25 cts.; 1/8 oz., 45 cts.

Tritoma (Red Hot Poker) *p*

Culture H (Page 15). Sow seed 1/8 in. deep. Hgt. 3 to 4 ft. Attractive border plant; requires winter protection.

6308 **Hybrida, Early-flowering, Mixed.** Spear-head like stems in many colors. Pkt., 10c; 1/16 oz., 25c; 1/8 oz., 45c.

Tunica *rp*

Culture J (Page 15). Sow seed on surface and merely cover. Hgt. 6 in.; sun; blooms June to September.

6310 **Saxifraga.** Tufted plant with pretty light blue flowers. Pkt., 10 cts.; 1/16 oz., 20 cts.; 1/8 oz., 35 cts.

Valeriana (Hardy Garden Heliotrope) *p*

Culture J. Sow seed 1/8 in. deep. Hgt. 2 ft.; sun; blooms June to Aug.

6320 **Mixed.** Showy heads of flowers with strong heliotrope fragrance. Pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 40 cts.

Vinca (Periwinkle) *a*

Culture G (Page 15). Sow seed 1/8 in. deep. Hgt. 12 to 18 in.; partial shade; bushy, glossy foliage; beautiful circular flowers.

6370 **Rosea alba.** 6372 **Alba.** 6374 **Rosea.** 6376 **Mixed.**
Any one above: Pkt., 10 cts.; 1/8 oz., 25 cts.; 1/4 oz., 45 cts.

Violet *p*

Culture F (Page 15). Sow seed 1/8 in. deep. Blooms April to June.

6380 **Sweet-scented.** Violet blue. Pkt., 10 cts.; 1/16 oz., 30 cts.

Viola (Tufted Pansy) *a or p*

Culture F (Page 15). Sow seed 1/8 in. deep.

6384 **Cornuta, Mixed.** Smaller than Pansy but more profuse. Pkt., 10 cts.; 1/16 oz., 25 cts.; 1/8 oz., 40 cts.

Xeranthemum (Everlasting Flower) *a*

Culture B. Sow seed 1/8 in. deep. Hgt. 2 ft.; blooms July to September.

6386 **Mixed.** Pkt., 10 cts.; 1/8 oz., 20 cts.; 1/4 oz., 30 cts.

Double Dahlia Flowered Zinnia

Haageana Zinnia
A Mexican Hybrid, and the smallest we offer.

Double Pompon or Lilliput Zinnia

ZINNIAS

Culture B (Page 15). Sow seed ⅛ inch deep. Easily grown and gives a world of bloom from July to October. They will thrive in any ordinary garden soil with little fertilizer, but prefer sun. Fine for bedding, borders and cut flowers.

Double Dahlia-Flowered

Strong, vigorous plants, 2½ to 3 feet high, producing mammoth flowers 4 to 6 inches across by 2½ to 3 inches deep.

6432 **Old Gold.** Deep orange color.
6434 **Golden Dawn.** Golden yellow.
6436 **Luminosa.** Bright rose.
6438 **Eldorado.** Rose on salmon.
6440 **Oriole.** Orange and golden bicolor.
6442 **Exquisite.** Tyrian-rose.
6446 **Polar Bear.** Pure white.
6448 **Crimson Monarch.** Crimson.
6450 **Scarlet Flame.** Bright scarlet.
6454 **Dream.** Deep lavender.
6456 **Purple Prince.** Rhodanthe-purple.

Any one above: Pkt., 20 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

Collection, Dahlia-Flowered Zinnias
Exquisite - Polar Bear - Purple Prince Crimson Monarch - Oriole - Scarlet Flame - Dream Would cost $1.40 separately. **$1.00**

6460 Livingston's Special Mixture, Double Dahlia-Flowered Zinnia

Not just an ordinary mixture with a little of something else thrown in, but a special mixture of all the best Dahlia types made from separate colors. Brilliant colors and giant flowers.

Pkt., 15c; ⅛ oz., 25c; ¼ oz., 45c; oz., $1.25.

6464 Double Dahlia-Flowered Mixed

A splendid mixture of the Dahlia-flowered type. Large flowers with a good color range. Will make a nice show in your garden. Pkt., 10 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.; oz., $1.25.

Curled or Crested Zinnias

6470 Large double flowers; petals twisted, curled and crested into fantastic and graceful forms. Pkt., 10 cts.; ¼ oz., 35 cts.; oz., 90 cts.

Haageana (Mexican Hybrids) Mixed

6482 The smallest Zinnia we offer. Fine for bedding and small bouquets. Many attractive colors and combinations. Pkt., 15 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

Double Pompon or Lilliput Zinnias

The plant is 18 to 24 inches high. The double flowers are very beautiful little things about 1½ inches in diameter.

6472 **Crimson Gem.** 6474 **Golden Gem.** 6478 **Flesh.**
6473 **Salmon Rose.** 6476 **Scarlet Gem.**

Any one of above, each pkt., 10c; ⅛ oz., 20c; ¼ oz., 35c.

6480 **All Colors Mixed.** Containing those above and many others. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

Elegans Pumila Dwarf Double Zinnias

(Cut and Come Again Variety). Extra double flowers, produced on dwarf plants about 18 inches tall.

6425 **Pinkie** 6427 **Salmon Rose**
6426 **Bright Scarlet** 6428 **Canary Yellow**

Any one above: Pkt., 10c; ⅛ oz., 20c; ¼ oz., 30c.

6430 **Pumila, Mixed.** Contains above and many other colors. Pkt., 10 cts.; ⅛ oz., 20 cts.; ¼ oz., 30 cts.

Fantasy Mixed

6469 **Received Award of Merit, All-America Selections, 1935.** The trend is toward smaller flowered, more graceful Zinnias. Fantasy meets this demand in all details. Illustrated on front cover and fully described on page 6. Pkt., 15 cts.; ⅛ oz., 30 cts.; ¼ oz., 50 cts.

Mammoth-Flowering Zinnias

6400 **Crimson.** 6406 **Pure White.**
6402 **Dark Purple.** 6408 **Golden Yellow.**
6404 **Flesh-Pink.** 6410 **Scarlet.**

Any one above, each, pkt., 5c; ⅛ oz., 20c; ¼ oz., 30c.

COLLECTION: One Pkt. each above, 25 cts.

6420 **LIVINGSTON'S MAMMOTH-FLOWERING PRIZE MIXTURE.** Pkt., 5 cts.; ¼ oz., 20 cts.; oz., 50 cts.

New Crown O'Gold Zinnia

Dual-tone color harmony in each flower. Golden yellow at base, individual flower color at tip.

6485 **Desert Gold.** New, many yellow shades. Pkt., 15 cts.; ⅛ oz., 35 cts.; ¼ oz., 60 cts.

6488 **Mixed.** All Colors. Pkt., 15 cts.; ⅛ oz., 25 cts.; ¼ oz., 40 cts.

Livingston's "True Blue" Vegetable

THE VEGETABLE GARDEN

The Vegetable Garden is a source of supply for healthful food over a long period. You should have a good one and you should use good seed. When we say "First—in our Trial Garden and then—in Your Garden" we mean our seeds are grown by us under comparable conditions that will exist in your garden before they are sold. We must know they are good seeds before you receive them.

This catalog gives you complete cultural directions, a planting table on page 84, a spraying chart on page 85 and a large selection of the best varieties. In addition, we offer a free inquiry letter service through our staff of experienced, practical gardeners and cultural leaflets for various vegetables and flowers. On page 2 you will find our **Gift Offers.** Extra seed with $1.00 orders and **"My Pocket-Garden Guide"** if the order amounts to $1.50 or more.

PLEASE READ THIS BEFORE ORDERING

One-half pound of any vegetable (excepting Peas, Beans and Corn) may be purchased at the pound rate.

At low prices quoted we cannot pay transportation on Peas, Beans and Corn beyond the 4th zone unless ordered with other seeds.

We cannot supply less than 5 lbs. of any one variety at the 5 pound rate, neither can we supply 5 lbs. made up of two or more varieties at the 5 pound rate.

For quantities larger than quoted herein, please write for special price.

Relief Orders for Seed Accepted by Us

Relief orders for vegetable seeds, when issued by any State, County or City Relief Agency, will be accepted in exchange for vegetable seeds at prices quoted herein. The relief order must be a regular printed form; must show the amount it is good for in dollars and cents and be signed by the authorized Relief Agent. It must also be properly signed by the person ordering the seed and be for vegetable seed only as specified thereon.

Value of Vegetables in the Daily Diet

The nutritive value of vegetables is becoming more important and better known every day. For your Health's sake, we are giving available information on vitamins, minerals and calories under vegetable headings on the following pages. Where this information is not given it is as yet unknown. Key to values is as follows: **Vitamins** given in capitals mean excellent source; in small letters good source; mention of **Calcium** or **Iron** means they are available; capitals mean excellent source; **Calories** are given per pound, indicated (Cal. lb. 200). Sources of data are: United States Dept. of Agriculture and Georgia Experiment Station.

FIRST—In Our Trial Gardens

FREE 10 cent Value with Each $1 Purchase of Seeds. (See Page 2)

also

"MY POCKET GARDEN GUIDE"

Handy, useful, pocket size folder. **Free with $1.50 orders on request.** (See offer, page 2.)

VEGETABLE PACKETS 5 CTS. EACH

We have reduced most all of our vegetable packets to five cents this year for two good reasons. First—so that a greater number of gardeners receiving this catalog may be influenced to try "True Blue" vegetable seeds and see what a difference these good seeds make. Second—in appreciation of the very nice orders received in the past from our old customers. By a quality comparison we are sure you will find our other prices very reasonable. We anticipate a sufficient increase in sales to maintain this low price level. Be assured, our high quality level will remain constant.

Livingston's Serial Picture Story——Continued from page 33.

Here are scenes from our vegetable trial grounds where many varieties are put through rigid tests for germination, productiveness, type, earliness, etc. Records made are used as a guide in growing and placing contracts. Livingston's vegetable trials are your assurance of quality seeds.

To the critical market gardener, who demands good seed, these trials mean much. They are large users of "True Blue" seeds. Those who do not use them should give them a trial. The home gardener can have the same grade of seeds for his garden as there is only one grade of "True Blue" seeds.

Continued on opposite page

Seeds Give Results

AND THEN—In Your Own Garden

Nod-O-Gen

(Jelly) Inoculator for Legume Crops

It always pays to inoculate legumes, thus stimulating bacterial growth on their roots, forming nodules which take nitrogen from the air for use by the plant and enrichment of the soil.

Each different crop or group has its own specific culture. In ordering, specify the crop or group for which it is to be used by number and state the amount you want. Peas and Beans are the only garden legume crops that can be inoculated. We supply fresh cultures in dated bottles.

Postpaid Price of Culture for the following seeds:

No. 1—Alfalfa and Sweet Clover..	½ bu. size..	$0.30
No. 2—Red, Mammoth, Alsike, White and Crimson Clovers.....	1 bu. size..	.50
	2½ bu. size..	1.00
No. 3—Soy Beans.....		
No. 4—Cowpeas.....	1 bu. size..	$0.30
No. 5—Field and Garden Beans..	2 bu. size..	.50
No. 6—Field and Garden Peas, Vetches, Sweet Peas and Flat Winter Peas..	5 bu. size..	1.00

Prices on 10 to 25 bu. sizes for Soy Beans, Cow-peas, Vetches, Field and Garden Beans on request.

No. 7—**Garden Size Package.** Combination for Sweet and Garden Peas, Garden and Lima Beans.....$0.20

We cannot supply combination for Peas and Beans except in Garden Size.

Vitamins a b c G

Asparagus

Iron Cal. lb. 120

Culture—Sow seed April 1 to 15 in rows 18 inches apart, covering 2 inches deep. When one to two years old, transplant to permanent bed in rows 24 inches apart, placing them 18 inches apart and 8 inches deep. Fertilize heavily in fall and cultivate well in spring. Start cutting the third year. Cultural leaflet sent free on request.

One ounce of seed will sow 60 feet of drill.
About 400 plants to the ounce

Mary Washington. Large, early, rust-resistant variety with deep green, purple tipped shoots, one inch in diameter. Produces good shoots second year and, through its high branching habit, makes shoots 2 feet long. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Broccoli

Cal. lb. 170

Culture—Sow seed ½ inch deep in May, the same as for late cabbage, and transplant in June or July, 18 inches apart in rows 30 inches apart. Similar to Cauliflower but of a coarser texture and more hardy.

One ounce of seed will sow 100 feet of row.
About 2500 plants to an ounce

Italian Green Sprouting. A new sprouting type with delicious flavor. Forms large center head of bluish green and develops numerous branch heads for later use. Served the same as Cauliflower. 43 days from trans. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.30.

EARLY LARGE WHITE. Medium size, close and compact; sure to head. 60 days from trans. Pkt., 5cts.; ¼ oz., 15 cts.; ½ oz., 25cts.; oz., 45c.; ¼ lb., $1.40.

Brussels Sprouts

Cal. lb. 260

Culture—A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads, cooked like Cauliflower, are a great delicacy. Start seed the same as Cabbage and transplant outside in rows 24 to 30 inches apart, placing plants about 18 inches apart in the row. Cultivate same as Cabbage. Can also sow seed in drills, ½ inch deep, outside in May and transplant.

One ounce sows 200 feet of drill. 200 plants to pkt.

Pride of Denmark. A fine variety, growing about 3 feet tall, 65 days from trans. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

LONG ISLAND IMPROVED DWARF. Low growing but very productive. 65 days from trans. Pkt., 5 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Livingston's Serial Picture Story

We wish to call your particular attention to two illustrations below. First, number three from the left which shows Ostrich Plume, Long Standing Mustard, a Gold Medal Winner, in center. Here is proof of its long standing qualities. The next picture is of Special Summer Savoy Spinach as compared with other standard varieties.

Continued on page 57

Vitamins
a, b, c

Livingston's Quality Beans

Culture—Dwarf Beans should be planted in rows 2½ feet apart with 3 or 4 beans in a hill about 10 inches apart in the row. If drilled, they should be placed 3 to 4 inches apart. Cover with 1 inch of soil and press down firmly to aid in germination. For a continuous supply, plant about May 15th and every ten days until August. Do not cultivate deep after blossoms appear and never cultivate or handle when the vines are wet. Pick frequently to insure longer bearing.

One pound will plant a row 100 feet long; 60 to 100 lbs. to an acre. 2 pounds equal 1 quart, 15 pounds 1 peck, 60 pounds 1 bushel.

Fresh Stock — Select Strains

PLEASE READ THIS BEFORE ORDERING BEANS

At these low prices we cannot pay transportation on Beans beyond the 4th Zone unless ordered with other seeds. We cannot supply less than 5 pounds of one variety at the 5 pound rate; neither can we supply 5 pounds made up of two or more varieties at the 5 pound rate.

Green-Podded Dwarf Varieties

Full Measure. **Very productive as indicated by its name. Thick pods—finest quality.** The fine stringless green pod is about 6 inches long, straight, round and crease-backed. When dry, the Bean is similar to the Red Valentine and should be used in place of it. 66 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

Asgrow Valentine. A stringless Black Valentine. Pods are long, straight, oval and completely stringless. Plants, which resemble Black Valentine, are sturdy and prolific. Becoming very popular. 63 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

At left Tendergreen Beans

Next to left Full Measure Beans

Above Bountiful Bean

One of the best flat-podded varieties.

Tendergreen. **One of the best varieties for both home and market gardeners.** A new, entirely stringless, round-podded bean that fully justifies its name. The light green pods are 6 to 7 inches long, meaty, tender and fine flavored. Vines are vigorous and very productive. 60 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

Bountiful. **One of the best flat-podded or semi-round varieties**—valuable for early shipping. A hardy, early, productive sort that continues to bear a long time. It has beautiful light green, straight, stringless pods, 6 to 7 inches long. Dry Beans are light yellow and may be boiled. Height about 15 inches. 62 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

Stringless Green-pod. If a round-podded green Bean is preferred, the Stringless Green-Pod is the finest. A strong-growing, dark green foliage sort, with meaty, brittle, slightly curved high quality pods that simply refuse to get stringy even when old enough to shell. For best results plant in rich soil. Dry Beans, dark brown. 61 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.05; 10 lbs., $1.80.

Giant Stringless Green-pod. Very prolific variety — popular for canning. Later than Stringless Green-Pod but has pods fully an inch longer which are round, quite straight, brittle and stringless. 62 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.90.

HOPKINS EARLIEST RED VALENTINE. The finest strain of the old Red Valentine type. Pod about 5 inches long, round, with some string. 60 to 65 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.05; 10 lbs., $1.75.

TENNESSEE GREEN-POD. A large, flat-podded variety, having strings, but of such good quality that it is popular where well known. Pod 6 to 7 inches long, curved, irregular, and dark green. 60 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.85.

REFUGEE or 1,000-to-1. A good old late canning sort with round pods. 82 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 25 cts.; 2 lbs., 45 cts.; 3 lbs., 65 cts.; 5 lbs., 90 cts.; 10 lbs., $1.50.

Don't Make Vegetables Fight to Live

Plant or thin them to the proper distance apart. Our cultural directions give the proper distance.

Asparagus (Page 45)

For The Critical Gardener

Calcium
Iron
Cal. lb., 285

Wax-Podded Dwarf Varieties

Sure-Crop Wax. **Considered the best semi-round wax bean. Valuable for shipping and market.** A thrifty, hardy variety with long (6 to 7 inch), deep yellow, stringless pods. Less susceptible to rust than others. 70 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.90.

Improved Pencil-Pod Black Wax. **Fine for home gardens.** An improvement over the old original Black Wax. The pods are as round as a pencil, 6 to 7 inches long, clear yellow, and stringless. Plants vigorous and productive. 60 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.90.

Wardwell's Kidney Wax. **Most handsome of the flat-podded varieties.** Pods are straight, 6 inches long, broad, flat, stringless, and light yellow in color. Somewhat apt to "rust" in wet weather. 61 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.05; 10 lbs., $1.80.

WEBER WAX (Crackerjack Wax). An early variety. Bright yellow pods 6 to 6½ inches long; fleshy, stringless and brittle. 59 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.05; 10 lbs., $1.80.

Unrivaled Wax. **Vigorous, productive sort—almost blight-proof.** Beautiful light yellow pods, 5½ inches long, semi-flat, of fine texture and flavor. Popular with market gardeners and well adapted to home gardens. 60 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.90.

IMPROVED GOLDEN WAX. An old-timer with 4-inch flat yellow pods. 61 days. Large Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 3 lbs., 70c; 5 lbs., $1.05; 10 lbs., $1.75.

LIVINGSTON'S PENCIL-POD WAX (Refugee Wax). 64 days. Large Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 3 lbs., 70c; 5 lbs., $1.05; 10 lbs., $1.75.

DAVIS WHITE WAX. Fine for baking beans. 58 days. Large Pkt., 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 3 lbs., 70c; 5 lbs., $1.05; 10 lbs., $1.75.

FOR BETTER CROPS INOCULATE Beans with NOD-O-GEN. See page 45.

Shell Beans—For Dry Winter Use

DWARF HORTICULTURAL. 65 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

ROBUST PEA. (Improved White Navy.) Large Pkt., 10 cts.; ½ lb., 15 cts.; lb., 25 cts.; 2 lbs., 45 cts.; 3 lbs., 65 cts.; 5 lbs., 85 cts.; 10 lbs., $1.40.

WHITE MARROW. Large Pkt., 10 cts.; ½ lb., 15 cts.; lb., 25 cts.; 2 lbs., 45 cts.; 3 lbs., 65 cts.; 5 lbs., 95 cts.; 10 lbs., $1.55.

WHITE KIDNEY. Large Pkt., 10 cts.; ½ lb., 15 cts.; lb., 25 cts.; 2 lbs., 45 cts.; 3 lbs., 65 cts.; 5 lbs., 95 cts.; 10 lbs., $1.55.

RED KIDNEY. Large Pkt., 10 cts.; ½ lb., 15 cts.; lb., 25 cts.; 2 lbs., 45 cts.; 3 lbs., 65 cts.; 5 lbs., 95 cts.; 10 lbs., $1.60.

Pole or Running Beans

Culture—The Pole or Running Varieties are tender and should be sown a week later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure. Form hills 3 to 4 feet apart; plant three to six Beans in a hill, 1 inch deep; leaving space in center for the pole. When well started, thin to from 2 to 4 plants in the hill.

Two pounds will make 100 to 200 hills, according to size of Beans

Kentucky Wonder or OLD HOMESTEAD. An old favorite with long, deep saddle-back, stringless pods. Long season; very prolific; best quality. 78 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.05; 10 lbs., $1.80.

Kentucky Wonder Wax. **The best yellow pole bean.** Similar to above, except has light waxy yellow pods. Thick; flat; very tender and stringless. 76 days. Large Pkt., 10 cts.; ½ lb., 20 ct.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

McCaslan Pole. Fine for snaps and dry shell use. Pods 8 inches, medium green, slightly flat. Good quality. 65 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.90.

LAZY WIFE. Medium green, broad, flat 6 inch pods. Stringless. 75 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.90.

IDEAL MARKET. Matures ahead of Kentucky Wonder. Pods 5 inches long, round, green, and entirely stringless. Very productive. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.90.

SPECKLED CRANBERRY (Bird Egg Bean or Horticultural Pole). Midseason sort. Straight; flat; 5 inch pods. Shell Beans only. 72 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10.

At Right

Sure-Crop Wax Bean

Considered the best semi-round wax bean. A thrifty, hardy variety.

Below

Kentucky Wonder Bean

Both the green and wax varieties are very prolific.

Vitamins
a b

Lima Beans

Calcium
IRON
Cal. lb. 595

Fordhook Bush Lima Bean

Culture—Limas are tender and must be planted after all danger of frost is over. (Not before May 15). Make rows 2 to 3 feet apart and plant beans on edge with eyes down. Bush limas should be placed every 3 to 4 inches apart in the row; pole limas, 24 to 36 inches apart, placing 2 to 3 beans in each hill. Cover to depth of 2 inches. Cultivate well, only when they are dry and up until blossoms appear.

Bush Varieties

One pound will plant 150 feet of row.

Fordhook. **One of the best—outsells all others.** The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use quite early. The Beans are very fat, are closely packed in the pods, shell very easily and remain green a long time. Pods are borne in clusters of from four to six, average 4 to 5 inches long, and contain usually four tender Beans of a delightful flavor. 75 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.35; 10 lbs., $2.40.

Burpee's Improved. This has uniformly larger pods than the original Burpee's Bush Lima and the Beans are thicker and remain green even in the dry stage. The plants are very prolific, bearing pods in clusters of from five to seven, the individual pods averaging 5 inches long and containing up to six Beans. The Beans are thin-skinned and of delightful flavor. 75 days. Large Pkt., 10 cts.; ½ lb., 20 cts., lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

New Wonder. The bushes grow about 20 inches high. Pods are smaller than Burpee's Improved; Beans slightly smaller; a few days earlier, and quite productive. A sure cropper. Very true to bush form. 70 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

HENDERSON'S. The Baby Lima. Beans and pods are small; plants, 18 inches tall. Very productive and a sure cropper. 65 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.10; 10 lbs., $1.90.

WOOD'S PROLIFIC. An improved Henderson's Bush Lima, as the Beans are larger and thicker. 65 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $1.95.

Pole Varieties

One pound of medium-sized Lima Beans will plant 150 hills, three Beans to the hill

Early Leviathan. **The earliest large-podded pole Lima.** The pods are 5 to 6 inches in length and often contain five to six large, flat, pale green Beans of excellent quality. Very productive. 80 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

King of the Garden. Vigorous grower, pods containing five to six large Beans, which are of fine quality. The vines grow strong and yield heavily. Very fine variety. 84 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

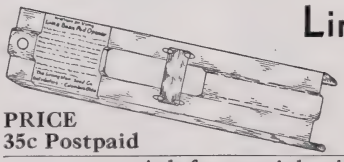
GIANT-PODDED. **The largest podded Lima in cultivation;** extremely vigorous in growth; midseason. Pods measure about 7 inches long by 1½ inches broad, are borne in clusters of six to eight; Beans extra large and of excellent quality. 88 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.30; 10 lbs., $2.30.

SPECIAL BEAN COLLECTION

GIANT STRINGLESS GREEN-POD
Popular for Canning
SURE-CROP WAX
A Big Yielder
FORDHOOK BUSH LIMA BEAN
The Most Popular

1 pkt. ea. (Value 30c) 25c
1 lb. ea. (Value 90c) 75c

SCARLET RUNNER BEAN
See Page 40.



Lima Bean Pod OPENER

A little device that makes the opening of Lima Beans easy and fast and prevents sore fingers. Used by many market gardeners. If you grow many Limas you should add this handy Opener to your order.

PRICE
35c Postpaid

Ask for special prices on Beans in larger quantities.

Liquid SLUG-SHOT
TRIPLE STRENGTH PLANT SPRAY

Ideal Combination of Stabilized Rotenone and Pyrethrum

An ideal spray for flowers and vegetables. New, easy way to kill all garden insects and prevent fungus in one operation. Non-poisonous — harmless to man, pets or birds. Does not injure the most delicate plants. Processed to prevent deterioration.

Oz. Bottle 40c Postpaid

Planet Jr. Tools

We carry a complete line of these well-known garden tools. We do not have room to list them in this catalog but if you are interested we will gladly send you the Planet Jr. catalog.

ASPARAGUS KNIFE

Fine for harvesting Asparagus or removing dandelions from lawns.

Price 40c Ppd.

DON'T LET THE "MEXICAN BEAN BEETLES" TAKE YOUR CROP

Use "Hammond's Slug Shot," opposite and Page 13 or Red Arrow, Page 13.

SPECIAL BEET COLLECTION

EARLY WONDER
DETROIT DARK RED
EDMAND'S BLOOD TURNIP

1 pkt. ea. (val. 15c) 10c
1 oz. ea. (val. 30c) 25c

Vitamins
a, b, c, g

Table Beets

Calcium
Iron
Cal. lb. 205

Best home-garden and canning variety

Detroit Dark Red Beet

Culture—The soil best suited for the culture of the Beet is that which is rather light, well fertilized. If wanted very early, sow in hotbeds and transplant; but for main crop sow in April, as soon as the ground becomes fit to work, in drills 1½ feet apart, ½ inch deep. For succession later sowings can be made up to August. For winter use, the turnip varieties may be sown as late as June and the seed covered 2 inches. When the plants are 3 to 4 inches in height, thin out so that they stand 2 to 3 inches apart. Keep free from weeds by frequent hoeing and hand-weeding if necessary. Before freezing weather sets in the roots may be stored in cellars or pits same as potatoes. Dry earth thrown over them before the straw is put on insures their keeping over winter.

One ounce of seed will sow 50 feet of drill; 5 to 6 lbs. to the acre

Detroit Dark Red. **The most popular red turnip beet,** not only for market gardeners but for home garden use, especially for canning. The tops are small, uniform, upright in growth, with deep red veins; roots are globular, smooth and very uniform in shape, color and quality; flesh is deep, bright red, zoned darker. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Perfected Detroit. **Received Award of Merit, All-America Selections, 1934.** Superior to any variety yet introduced. Comes 90% true to exactly the same shade of dark red color and does not show any white rings. Tops are medium and their close, compact attachment leaves a larger portion of the root edible. Roots are globular, very smooth and uniform. Excellent for canning and market use. 48 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

Early Wonder. A fine selection from Crosby's Egyptian, being a little smaller in size. Averages more full on the bottom and comes a little earlier. The demand for Early Wonder is growing several hundred pounds annually. It is a turnips-haped variety of very uniform type and is always smooth. Flesh is a beautiful deep red color, more uniform than Crosby, and is of excellent quality. Tops are small and erect and it may therefore be planted closer than most other sorts, thereby increasing yield. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Crosby's Improved Egyptian. A very early, superior variety. Has few small tops and very small tap-root. Takes on its turnip shape in early stages of growth, making it much preferred for both first early crop and late sowing. Skin is dark red; flesh somewhat lighter. After boiling, it has a uniform bright red color and a delicious flavor. 45 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

EXTRA-EARLY DARK RED EGYPTIAN. Not quite as early as Crosby's Egyptian and more flattened. Dark blood-red, medium size, tender and sweet. Good for forcing. 46 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 80 cts.

EARLY ECLIPSE. Small tops, bright, deep red roots, slightly top-shaped. A good old sort but being displaced by Detroit Dark Red. 50 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 70 cts.

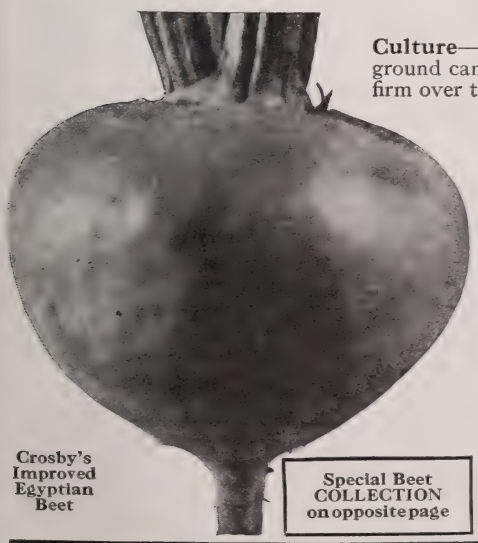
CRIMSON GLOBE. Late main-crop variety. Roots medium, globe-shaped and smooth. Skin and flesh deep red. 54 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

EDMAND'S BLOOD TURNIP. Second-early sort. Root smooth, round, dark red and very uniform. Among the best for table use. 57 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

DEWING'S IMPROVED BLOOD TURNIP. Main-crop variety. Big yielder. Sow late for winter storage. 56 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 75 cts.

Beets for Stock Feeding

Culture—Sow from April to July in rows 15 to 18 inches apart as soon as the ground can be thoroughly worked. Cover seed about 1 inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart.



Crosby's Improved Egyptian Beet

Special Beet COLLECTION on opposite page

Mangel-Wurzels

MAMMOTH LONG RED. Large, dark red. Big cropper. Dairymen's favorite. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50; 10 lbs. $4.75.

GOLDEN TANKARD. Yellow; tops and neck small; productive; relished by sheep and cows. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50; 10 lbs. $4.75.

Golden Giant Intermediate. (Yellow Leviathan). White flesh. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

Sugar Beets

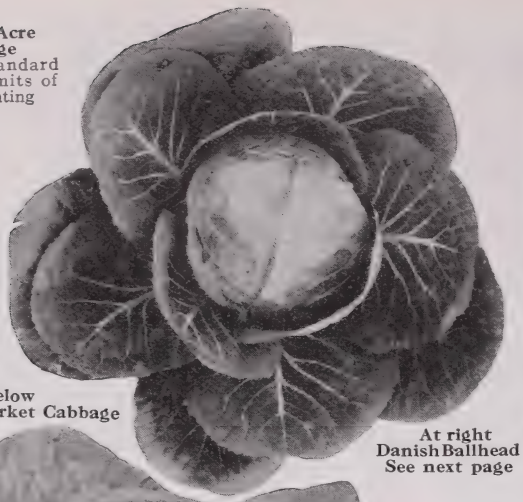
KLEIN WANZLEBEN. Greatest milk-producer. Rich in sugar. Yield almost equal to mangels. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lb. $2.50.

GIANT HALF-SUGAR ROSE. Heavy yielder. Roots grow partly out of ground. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

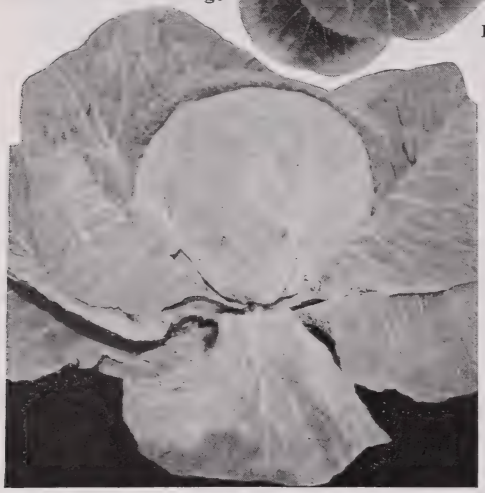
GIANT HALF-SUGAR WHITE. Similar to above, only white. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

Ask for prices on large lots of both Mangels and Sugar Beets

Golden Acre Cabbage
Earliest standard strain; permits of close planting



Below
Marion Market Cabbage



At right
Danish Ballhead
See next page

Vitamins
a b C g

Livingston's

Culture.—Cabbage does best in rich, mellow, well fertilized soil. For early, sow seed inside in a box or in hot-bed in late February or early March. Transplant into other boxes later and harden off by gradual exposure outside. Transplant outside in April in rows 2 feet apart and 1½ feet in the row. Set plants down to the first leaf and do not cover the heart with soil. Cultivate often and deeply. For later Cabbage, sow seed outside in May and transplant in about four weeks. Maturities given are from date of transplanting.

One ounce of seed produces about 2,500 plants
4 ounces produces enough plants to set an acre

Early Varieties

Copenhagen Market. **Early, large, round-headed strain.** Heads averaging 5 to 8 pounds in weight. The compact growth of the plant, the solidity of the head, its excellent flavor, and extreme earliness—all combine to make it one of the most popular early Cabbages. 66 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 85 cts.; lb., $2.50.

Marion Market. **(Copenhagen Yellows-resistant.)** Same type as above. If you are unable to grow a satisfactory crop because of this disease, we recommend this variety. 69 days Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.15; lb., $3.50.

Golden Acre. **Earliest Standard Strain.** Comes from Denmark. Round, firm, uniform, medium sized heads with small outer leaves, permitting closer planting than ordinary. Being hardy, it will stand a long time without bursting. 55 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.15; lb., $3.35.

Special Strain Golden Acre. **A week ahead of any other cabbage.** Exceedingly uniform. Comes direct from our Denmark grower. Recommended to growers wanting the best. Pkt., 10 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.80; lb., $6.00.

Early Jersey Wakefield. Good early variety. Pyramidal in shape, with blunted peak; very sweet. Large heads for an early sort. 62 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

LARGE CHARLESTON WAKEFIELD. A selection from above. Grows larger heads, often 8 to 10 pounds. 66 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

Second Early Varieties

Glory of Enkhuizen. Larger than Copenhagen Market, and quite round. See illustration, opposite page. A long-keeping sort. Dwarf and compact, allowing of close planting. 72 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 85 cts.; lb., $2.30.

GLOBE (Yellows-resistant Enkhuizen). Same as Glory of Enkhuizen in type and maturity, but has an unusually short core. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

All-Season. **(Vandergaw.)** Withstands hot sun and dry weather. Heads are large, round and solid, keeping as well as the winter sorts. Does not head all at once. 76 days. Pkt., 5 cts.; ¼ oz. 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.

YELLOWS-RESISTANT ALL-SEASONS. 85 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.

HENDERSON'S EARLY SUMMER. An old standard. Heads large and flattened. 78 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

Allhead Early. Deep, flat, solid head, uniform in size, shape and color. Very compact and may be planted closely. 70 days. Pkt., 5 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.

YELLOWS-RESISTANT ALLHEAD EARLY. 73 days. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., $1.15.

EARLY DWARF FLAT DUTCH. Large, round, solid, flattened heads; resists heat. 76 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

EARLY WINNIGSTADT. Heads decidedly conical. Solid, even in summer; almost worm-proof. A sure header. 72 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

SUCCESSION. Large, sure header; short outer leaves. 76 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

Brussels Sprouts (Page 45) Cabbage, Turnip-rooted (Page 59)

At left
Glory of Enkhuizen
Cabbage

Below
Danish Ironball
Cabbage

Calcium
Iron
Cal. lb. 130

Chihili
Chinese Cabbage

Quality Cabbage

Late Varieties

Livingston's Premium Flat Dutch. **The main crop late variety.** Because of its solidity and compact manner of growth it is a heavy yielder. The heads are large, white, crisp, tender, and sure to head. Grown largely for late market and kraut-making in the autumn. 85 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

Danish Ball head Short-Stem. **(Hollander, Dutch Winter). Most popular of all the late ballhead types.** Well known for its solidity, being very compact with medium core, weight and superb keeping qualities. Fine for storage. Seed from one of best Danish growers. See illustration on opposite page. 83 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.00.

Yellows - Resistant Wisconsin Ballhead. A new development answering the demand for a resistant variety which matures earlier and is not so coarse as Hollander. Comes 80% to 100% resistant and very uniform. Excellent for marketing, shipping and storage purposes. Illustrated on page 6. 91 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.55; lb., $4.75.

YELLOWS RESISTANT HOLLANDER No. 8. A strain of Danish Ballhead which is resistant to "Yellows." 91 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb. $3.75.

THE VOLGA. Round, uniform heads measuring up to 12 inches in diameter. Very solid; color white; extremely hardy. 91 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $1.65.

LIVINGSTON'S AMERICAN BALLHEAD. Name is self descriptive. Comes from an American grower of long standing. 85 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.10; lb., $3.25.

SUREHEAD. Large, round flattened head with few loose leaves. Good keeper. Late home garden sort. 86 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

P. J. Kazmaier, Tuscarawas Co., Ohio, writes: "*I am having excellent success with your yellows-resistant cabbage. I think Livingston's seed can't be beat.*"

Mat Buschkamp, Knox Co., Nebraska, writes: "*The Danish Ballhead cabbage seed I got from you last year was very good. It made a fair crop in spite of the dry weather.*"

Mrs. V. M. Brannon, Coshocton Co., Ohio, writes: "*I had wonderful success with your yellows-resistant cabbage seed last year.*"

Red Cabbage

Danish Ironball. As round as a ball and as hard as iron. Heads grow to large size, averaging 8 ins. in diameter, of rich color throughout. Illustrated at right. 80 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 85 cts.; lb., $2.50.

RED HOLLANDER, YELLOWS RESISTANT. Resistant variety of Danish Ironball. 84 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.75.

MAMMOTH ROCK RED. Large heads, deep, red to center. 84 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $2.75.

Chinese Cabbage

Also known as "Celery Cabbage," "Odorless Cabbage," "Chinese Lettuce," etc.

Fine crop for muck land. Has fine delicate flavor; excellent for salads, cole slow and when cooked. Cannot be grown successfully as a spring crop as it bolts to seed, neither can it be transplanted well. Sow seed ½ inch deep in July in rows 2½ feet apart and thin to stand 12 inches apart in the row. Use care in cultivating.

CHIHILI. Early and sure heading. This variety runs very true to type. Length of head is about 16 inches. Outer leaves dark bluish green, while the inside is creamy white and of fine quality. See illustration above. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $2.75.

WONG BOK. Heads are short and heavy. Beautifully curled leaves of fine quality. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $2.60.

Savoy Cabbage

IMPROVED AMERICAN SAVOY. **(Perfection D. H.)** Finely curled, large head on short stalk; keeps well. 84 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.; lb., $2.00.

SMALL EARLY SAVOY. Best early. Heads firm, solid, beautifully crimped; finest quality. 73 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 85 cts; lb., $2.35.

Vitamins
A, b, c, g

Carrots

Calcium
Iron
Cal. lb. 205

Improved Chantenay Carrot

Culture.—Sow in early spring as soon as the ground can be worked, in drills 15 to 18 inches apart, finally thinning the plants to 2 to 3 inches apart. Do not allow growth to be checked; water, if necessary. If sown early on moist soil, a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and the crop lost. Successive sowings can be made up to July.

One ounce sows 100 feet of drill; 4 pounds sow one acre

Imperator. **Award of Merit, All-America Selections 1933.** Tops just right for market and shipping. Fine variety for home use. Sloping shoulders and semi-blunt end; 7 to 8 inches long; rich orange color with indistinct core. 77 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

Morse's Bunching. **Gold Medal Winner, All-America Selections, 1934.** Developed as a market bunching Carrot, for which it is ideal, but equally as good for home use. Tops are short and rather coarse but strong. Roots are 8 inches long, cylindrical and well stumped. Color, deep orange. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Improved Chantenay. 6 inches long, thick through, decidedly stump-rooted. Between Danvers and Oxheart in size. Deep orange-red; fine-grained. Smooth, shapely roots; very early. 69 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.10.

CHANTENAY, LONG TYPE. Same as above except about an inch longer. 69 days. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

Red-Cored Chantenay. **NEW.** A true Chantenay but has uniform deep orange-red color throughout, making it appear coreless. 69 days. Pkt. 5 cts.; ¼ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.10.

Perfection Coreless. **Best so-called coreless variety;** deep orange throughout. 7 to 8 inches long, very smooth and cylindrical, being practically same size from crown to bottom. A home garden and fall crop variety. 78 days. Pkt. 5 cts.; ¼ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

Improved Danvers. **(Half-Long.)** The best for general crop purposes. Productive in and adaptable to all classes of soil. Tops medium size, roots deep orange, medium length, tapering to a blunt point. 75 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Nantes Half-Long. Early, fine-grained, sweet variety. It is almost coreless and of medium size, being about 6 inches long. 70 days. Pkt. 5 cts.; ¼ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

OXHEART. Early; intermediate in length and diameter. Adapted to shallow soils. 74 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

IMPROVED LONG ORANGE. 80 days. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 25 cts.; lb. 90 cts.

Vitamins
a, b, c, g

Cauliflower

CALCIUM
Iron
Cal. lb. 140

Culture.—Cauliflower delights in a rich, moist soil. Sow the seed in the hotbed in February or March and transplant the plants 2 to 3 inches apart in boxes, or in another hotbed, until such time as they may safely be planted in the open ground. For fall crop, sow seed in June. Set the plants in the field 30 inches by 18 inches apart. When heading tie the outside leaves loosely over the head to protect it from the sun.

One ounce will produce 3,000 plants

Livingston's Earliest. **The earliest variety we offer.** Fine for fall crop; unexcelled for wintering in cold frame for early crop. Uniform heads of fine texture. Our Danish grower spares no expense with this stock. 52 days from trans. Pkt. 15 cts.; ¼ oz. 60 cts.; ½ oz. $1.00; oz. $1.90; ¼ lb. $6.75.

Snowdrift. New market garden variety. Heads under adverse conditions. Deep, pure white. Resists fuzziness and free from curd-leaflets. More fully described on page 11. Pkt. 15 cts.; ¼ oz. 70 cts.; ½ oz. $1.25; oz. $2.25; ¼ lb. $8.25.

Dry Weather. Best for high, dry localities. Large, heavy, pure white variety with large leaves. 60 days from trans. Pkt. 10 cts.; ¼ oz. 45 cts.; ½ oz. 85 cts.; oz. $1.60; ¼ lb. $6.00.

Henderson's Early Snowball. Heads of medium size, compact, and very white. Has few short, upright leaves. A very sure header. 55 days from trans. Pkt. 10 cts.; ¼ oz. 45 cts.; ½ oz. 85 cts.; oz. $1.60.

SUPER SNOWBALL. An extra-fine selection of Early Snowball. Same maturity. Pkt. 15 cts.; ¼ oz. 70 cts.; ½ oz. $1.20; oz. $2.15; ¼ lb. $7.75.

Livingston's Earliest Cauliflower

Vitamins
a, b, c

Celery

Calcium
Iron
Cal. lb. 205

One ounce will produce 4,000 plants, 10 to 12 ounces to an acre

Complete cultural leaflet on request.

Michigan Golden. **New self-blanching strain—highly resistant to Fusarium Yellows.** Type is intermediate between Golden Plume and Golden self-blanching. Highly recommended in sections where "Yellows" is prevalent. Illustrated and more fully described on Page 10. Pkt., 10 cts.; ¼ oz., 50 cts.; ½ oz., 80 cts.; oz., $1.50; ¼ lb., $5.50.

Golden Plume. **One of the best first earlies**—resists blight and rust to remarkable degree; keeps a long time. Beautiful golden color and rich, nutty flavor. In outside sowings the soil should be fine and well firmed. Pkt., 5 cts.; ¼ oz., 40 cts.; ½ oz., 60 cts.; oz., $1.00; ¼ lb., $3.00.

Fordhook. One of the finest fall and winter varieties in existence. Plants are stocky, solid and compact, about 15 to 18 inches tall and are easily blanched. Stalks are pure silvery white. Good keeping variety. Pkt., 5 cts.; ¼ oz., 30 cts.; ½ oz., 45 cts.; oz., 75 cts.; ¼ lb., $2.25; lb., $8.00.

Golden Phenomenal. (New.) Similar to Golden Plume, but taller. It is 27 to 28 inches and 8 to 9 inches to the first joint. The season is the same as Golden Plume. Plants heavy and compact, full hearted, and not inclined to be sprangly; stems broad, thick, brittle, free from strings, of fine flavor and excellent quality. Pkt., 10 cts.; ¼ oz., 40 cts.; ½ oz., 65 cts.; oz., $1.10; ¼ lb., $3.25.

Golden Self-Blanching. Of French origin. Heavy, compact plants that grow to good size. It is very tender, solid, crisp, heart large, of excellent quality and beautiful golden color.

DWARF STRAIN. Best for fall and early winter use. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.60; lb., $5.00.

TALL STRAIN. From one of the most careful growers. **New Strain.** Early. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $4.50.

Easy-Blanching. Blanches easily and quickly — especially suitable for home gardeners. A strong grower with white, brittle stalks of excellent quality. Adaptable to both early and winter storage use. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.15; lb., $3.50.

Golden Plume Celery
One of the best first earlies

Giant Pascal Celery

Giant Pascal. Local market money-maker—very desirable winter keeper. Forms solid, crisp stalks of rich, nutty flavor. Strong grower, blanching easily to rich, creamy white. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.55; lb., $4.75.

Livingston's Selected Giant Pascal. Our own selection and growing of a select strain of Giant Pascal which is entirely free from "hollow stalk." A favorite with market gardeners. Pkt., 10 cts.; ¼ oz., 70 cts.; ½ oz., $1.25; oz., $2.25; ¼ lb., $9.00.

COLUMBIA. Early-maturing; almost round stalks of medium height. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.10; lb., $3.25.

EMPEROR. A distinct dwarf type about 15 inches tall; easily blanched. Stalks white with heart tinged yellow. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.55; lb., $4.75.

White Plume. Adapted to fall and early winter use. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.10; lb., $3.15.

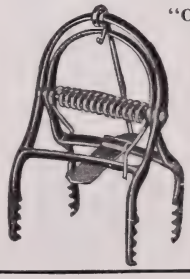
Celeriac

(Turnip-Rooted Celery)

Sow the seed same as for Celery. Transplant into rows 18 inches apart and 6 to 8 inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as salad.

GIANT SMOOTH PRAGUE. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.75.

GET RID OF ANTS with "ANT GAS." See page 27.



"Out-of-Sight" Mole Trap

Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. **Can be used in hot-beds under sash.** Full directions with each trap.

$1.50 Postpaid

ALL SEEDS POSTPAID IN U. S. A. PROPER

Vitamins
a, b, c

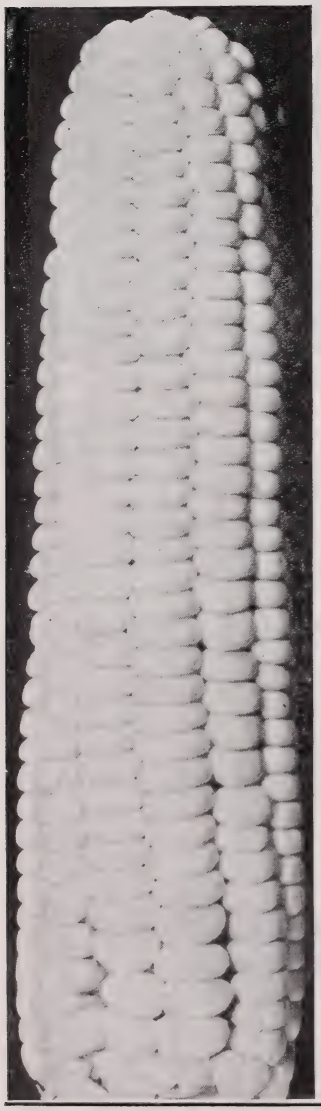
Choice Sweet or Sugar

White Varieties

Livingston's Early Sugar. **Very distinct and very valuable addition to the early varieties.** Compared with other earlies it has larger ears with more even, well-filled rows. 8 inches long with 10 to 12 rows of deep, broad, sweet kernels. 60 percent of stalks carry 2 well-developed ears. Remarkably strong husks, providing protection from insects; almost sucker free. 80 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 90c; 10 lbs., $1.50.

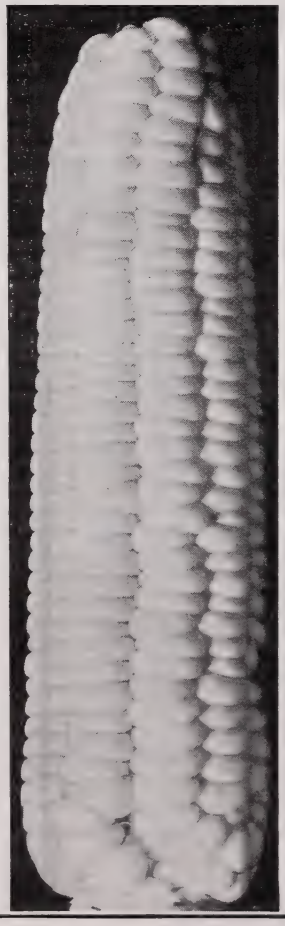
Gill's Early Market. The very earliest white Sweet Corn for market. Stalks are about 3½ feet high with ears set close to the ground. Ears 6 to 7 inches long, rather blocky in form, of good size, with white cob and grain of good quality. 69 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.

Columbus Market. One of the best main crop varieties. Endures dry weather on account of its broad, dark green leaves. Ears, often 10 inches long, carry 16 rows of large, deep, sweet grains. Stalk is very strong, of medium height. Very desirable for home gardens. 85 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.



At left:
Columbus Market Corn
A Good Main-Crop Variety

Below:
Gill's Early Market Corn
One of the best earlies



Culture.—Corn should not be planted until May, or when the soil has become warm and dry. For a full supply for the table during the entire season, plant every ten days or two weeks until the last week in July, in hills 2 by 3 feet apart for the early kinds, and 3 by 3 feet for the large late sorts, using four or five grains to the hill. Cover seed 1 inch. Give frequent and thorough cultivation all the season. Do not plant in a single row and for good white or yellow ears do not plant both kinds close together.

One pound plants 300 feet of row. 12 to 16 pounds to an acre. 1½ pounds equals 1 quart, 12 pounds a peck, 48 pounds a bushel.

Whipple's Early White. **One of the best for early market and home gardens.** Large Evergreen type, but comes only a week later than the small extra-early sorts. Ears 8 to 9 inches long, 16 to 18 rowed; pearly white, sweet grains. See illustration, extreme right. 79 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.

Livingston's Broad-Grained. **A Livingston selection;** extra broad, deep grains. We highly recommend it for uniformity and quality. Ears are 8 rowed and 8 to 10 inches long. 80 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 90c; 10 lbs., $1.50.

Stowell's Evergreen. Favorite with canners, market and home gardeners for late use. Ears are 8 to 9 inches long with deep, sweet, tender kernels. 92 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.

Country Gentleman. **One of the richest flavored of all the late varieties.** The plump, pearly white kernels are of great depth. Ears average 7 inches long by 2 inches in diameter. 96 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., $1.00; 10 lbs., $1.70.

Howling Mob. Medium-early white Sweet Corn. Ears are 7 to 8 inches long with 12 to 14 rows of pure white grains. 80 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 90c; 10 lbs., $1.50.

EARLY MAYFLOWER. 5 inch ears with 10 to 12 rows. 75 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 85c; 10 lbs., $1.40.

KENDEL'S EARLY GIANT. 8 to 9 inch ears with 10 or more rows of plump kernels. 80 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 90c; 10 lbs., $1.50.

EARLY EVERGREEN. Ears about 7 inches long, 16 to 18 rows of grains. 87 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 90c; 10 lbs., $1.50.

Livingston's Quality Lawn Seed
Complete Listing on Page 5

Corns

Cal. lb. 510

The Very Best Sorts in Standard Varieties
The First Choice in New Resistant Hybrids

PLEASE READ THIS

At these low prices we cannot pay transportation on Corn beyond the 4th zone, unless ordered with other seeds. We cannot supply less than 5 pounds of one variety at the 5-pound rate; neither can we supply 5 pounds made up of two or more varieties at the 5-pound rate.

The New Hybrid Corns

Kingscrost. **Special Mention, All-America Selections, 1934.** New double cross between inbred strains of Golden Bantam. (4 crosses). Resistant to Stewart's Wilt. Especially noted for earliness, uniformity of maturity, eating quality and yield. Ready for use 10 days earlier than ordinary Bantam. Do not save seed. Large Pkt., 15 cts.; ½ lb., 30 cts.; lb., 50 cts.; 2 lbs., 90 cts.; 3 lbs., $1.20; 5 lbs., $1.90; 10 lbs., $3.50.

Golden Cross Bantam. **New Stewart's Wilt-Resistant Hybrid. Produces marked increase in yield and surprisingly uniform stalks and ears.** Sturdy stalks and broad, green leaves that withstand adverse conditions. Ears are 7½ to 8 inches long, with 10 to 14 rows of highest quality golden yellow kernels. Do not save seed. 88 days. Large Pkt., 15 cts.; ½ lb., 35 cts.; lb., 60 cts.; 2 lbs., $1.10; 3 lbs., $1.50; 5 lbs., $2.40; 10 lbs., $4.50.

Pop Corn

Culture—Same as field corn. Allow it to become thoroughly ripe before cutting.

One packet plants 100 feet of row.
4 pounds to an acre.

Japanese Hulless (Tom Thumb). A heavy yielder of short, thick, uniform ears. Pops out a very large, pure white grain, and is of delicious quality. Very tender, but it retains its shape very well. Dwarf-growing. Pkt., 10 cts.; ½ lb., 15 cts.; lb., 25 cts.; 3 lbs., 60 cts.; 5 lbs., 90 cts.

WHITE RICE. Very productive, excellent quality; very crisp and delicious. Pkt., 10 cts.; ½ lb., 15 cts.; lb., 25 cts.; 3 lbs., 60 cts.; 5 lbs., 90 cts.

SOUTH AMERICAN or **Dynamite.** New, large, golden pop corn. The kernels, when popped, make extra large, tender, creamy white pop corn of finest quality. Large ears with 12 to 16 rows of grains. Matures late. Pkt., 10 cts.; ½ lb., 15 cts.; lb., 25 cts.; 3 lbs. 60 cts.; 5 lbs., 90 cts.

2½ Cents an Acre For
SEMESAN JR.
Returns 2 to 12 Bus. More

Dust Disinfectant for See Sweet and Field Corn
Provides an effective but inexpensive dust treatment for the prevention and control of field and sweet corn seed diseases. Easily and quickly applied. Used at rate of 2 ounces per bushel of seed.
4 oz., 35c; lb., $1.00 with your seed order. Ordered separately, add 15 cts. postage and packing.

Yellow or Golden Varieties

Bantam Evergreen. **A Golden Evergreen.** Just right to follow first earlies, and prolong the season. Has the good qualities of Golden Bantam combined with those of the Evergreen. Color a rich golden yellow. Ears about 8 inches long and 2 inches thick. 90 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.

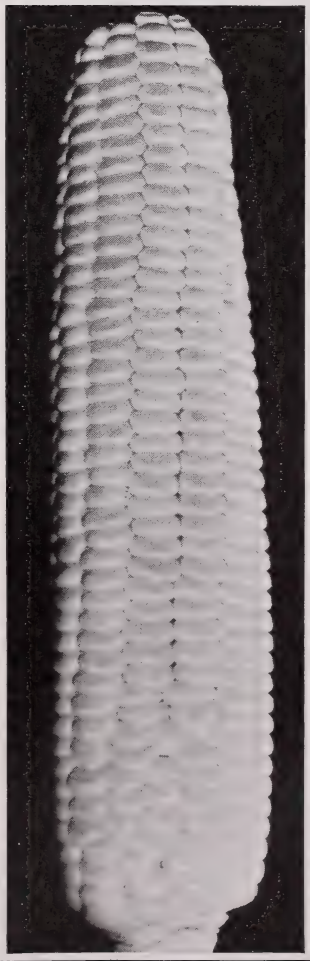
Golden Bantam. **The standard for high quality in Sweet Corn.** Ears are about 6 inches long, 8-rowed, filled with broad, sweet, golden yellow kernels. 78 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.

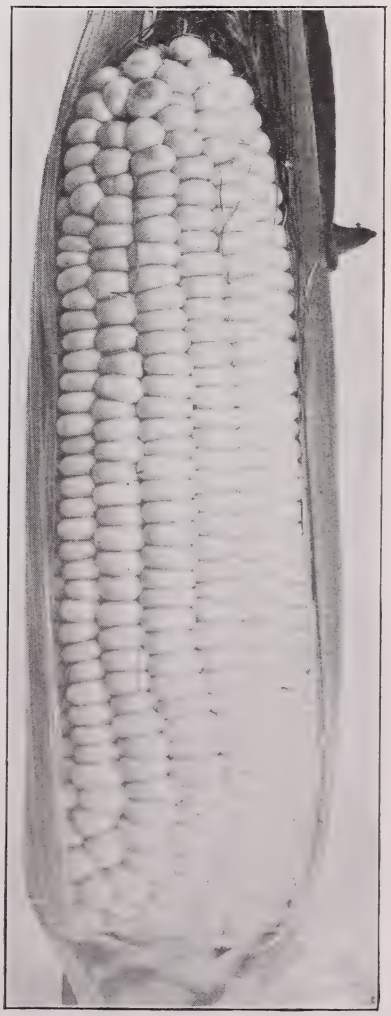
Golden Sunshine. **Especially valuable for its extreme earliness;** a week ahead of Golden Bantam. Ears are 7 inches long with 12-rowed, deep yellow, delicious grains. Stalks grow about 5 feet tall. 74 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.

Whipple's Early Yellow. Best large, early, yellow variety. Double the size of Golden Bantam, and only a few days later. Ears 8 inches long, with 12 to 16 rows of large kernels. 80 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.

BARDEN'S WONDER BANTAM. Same type and season as Golden Bantam, but has longer ears. 80 days. Large Pkt., 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 3 lbs., 60c; 5 lbs., 95c; 10 lbs., $1.60.

Right—Whipple's Early White.
Below—Golden Cross Bantam.





Corn Salad (Page 57), Cucumber (Pages 56, 57)

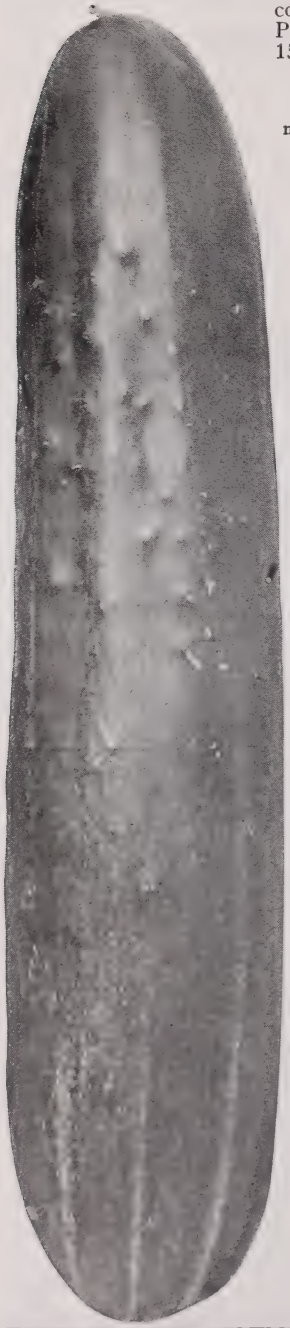
Livingston's Home Garden

Longfellow. **Ideal type for private garden or as a "straight pack" variety for shipping.** Equally desirable for both greenhouse and outdoor culture. Holds color well after picking. A long, slender, dark green variety, 12 to 14 inches long by 2½ inches diameter (illustrated below). Good, healthy, productive grower; fairly early. 74 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Livingston's Colorite. A White Spine type. Its rich, dark green color extends well down to the blossom end. Straight and cylindrical, with medium blunt ends. Length averages 10 inches. Excellent for home use and a good shipper. Illustrated in color on back cover. 70 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

At left: Longfellow Cucumber
A fine variety for home gardeners, market gardeners and shippers.

Below: Colorite Cucumber



Culture—As soon as the weather has become settled and warm (about May 15), plant in hills 4 to 6 feet apart each way, with 8 to 10 seeds in a hill; cover ½ inch deep, smoothing the hill off with the hoe. Later, thin to 3 or 4 plants to a hill. For pickles, plant from June 1 to August 1. The fruit should be gathered when large enough for pickling, whether required for use or not; if left to ripen on the vines, it destroys their productiveness.

One ounce of seed will plant about 50 hills; 2 to 3 pounds to the acre

Early Fortune. Strong growing, early, productive White Spine type. The fruit is of uniform size and shape and is of very firm texture, thus permitting long-distance shipping. Popular in South. The skin, which is dark green, holds its color remarkably well and therefore remains in slicing condition longer than some of the other standard sorts. 66 to 70 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.35.

Special Cucumber Collection

DAVIS PERFECT	1 pkt. Ea. (Value 15c) 10c
GREEN PROLIFIC	1 oz. Ea. (Value 45c) 35c
KLONDIKE	

Early Fortune Cucumber
An early White Spine type.

Labels, Pot and Tree (Page 59)

Cucumbers and Pickles

Calcium
Iron
Cal. lb. 65

Livingston's Extra-Early White Spine. The most **thoroughbred, uniform and shapely variety of White Spine known, not only for first early, but for general crop as well.** Vines are vigorous growers. The very best for slicing, and makes choice pickles. A great bearer and keeps green much longer than the yellow varieties. 60 days. Pkt. 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.35.

Straight 8. **Gold Medal, All-America Selections, 1935.** Quite straight, 8 inches long by 2 inches in diameter. Rounded at ends, ideal dark green and almost devoid of stripings and pale tips. Vigorous and productive. Pkt., 10 cts.; ¼ oz., 15 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

Arlington White Spine. An early and very productive Cucumber. Fruit quite uniform, about 7 inches long and well rounded at both ends, of bright green color. Used for early slicing and when planted late it produces good pickles. 63 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Davis Perfect. A fine dark green slicing variety which retains its color long after picking. The size and shape are ideal; 9 to 11 inches long; 2½ inches thick; tapering at both ends. Has few seeds which are so small and tender they are hardly noticeable. 68 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.35.

Livingston's Evergreen Pickling. *Introduced by us in* 1890. **Generally admitted to possess every qualification required in a perfect pickling Cucumber.** Exceptionally productive. It is a very strong grower, and bears firm, crisp, evergreen fruits, which are excellent for slicing. 65 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.35.

Vitamins
A b c g

Collards

CALCIUM
IRON
Cal. lb. 225

A plant of the cabbage family and cultivated in the same manner. It is well adapted to the South, enduring extreme heat; excellent for greens.

One ounce will sow 100 feet of row

TRUE SOUTHERN or GEORGIA. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Corn Salad or Fetticus

A vegetable used as a salad. Sow at the first opening of spring for summer use in rows 1 foot apart, and it is fit for use in six to eight weeks.

One ounce will sow 100 feet of row

LARGE-LEAVED. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Green Prolific or **BOSTON PICKLING.** Of uniform growth, seldom too large for pickling; produces fine, short blunt ended, green pickles, and is immensely productive. 53 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Improved Long Green. The vines are very strong-growing and productive. The fruits are quite long, averaging 8 to 10 inches in length, and dark green in color. This good old sort is very popular both as a slicer and for pickles. 72 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.60.

EARLY GREEN CLUSTER. The small, short prickly pickles are borne in great profusion in clusters of two and three. Fine for bottling. 53 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

WESTERFIELD CHICAGO PICKLING. A deep green pickle of medium length, slightly pointed at ends. 53 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

GHERKINS. Used only for pickles. Fruits small, oval, about 2 by 1¼ inches, covered with spines; color light green. 80 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

KLONDIKE. Excellent strain of White Spine, remarkable for the uniformly dark green skin of its shapely fruits. Popular with southern planters. 66 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

EXTRA-LONG or EVERGREEN WHITE SPINE. Averages longer than other strains. Extra-fine shape and quality; makes a good pickle; may be grown under glass. 70 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Cress (Pepper Grass)

One ounce will sow 100 feet of drill

EXTRA-CURLED. A well-known and very agreeable pungent salad; can be used alone or with lettuce. Requires to be sown thickly, at frequent intervals, covering very lightly, to keep up a succession, as it soon runs to seed. May be cut two or three times. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

TRUE WATER. Well-known hardy perennial aquatic plant. Is easily grown along margins of ponds and streams. Has a pleasant, pungent flavor. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

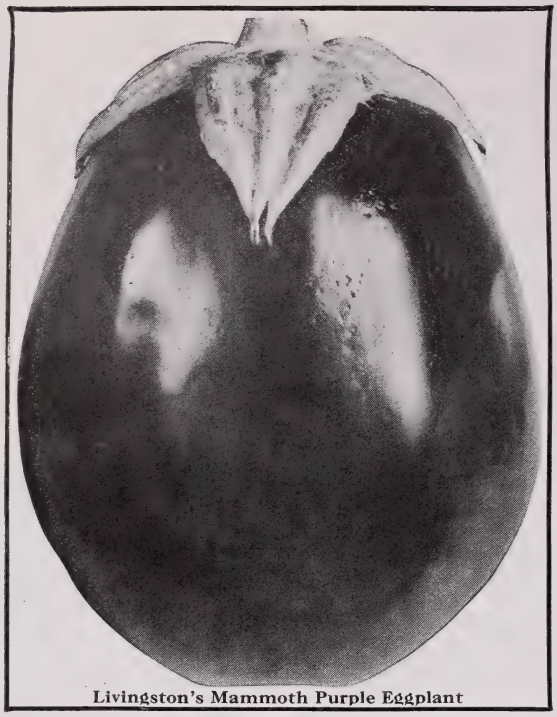
UPLAND. Hardy perennial; stays green nearly whole year; ready for use before any other salad. Sow in April in rows 1 foot apart. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.35.

Livingston's Serial Picture Story—Continued from Page 45

The first picture below shows Mr. Harry Livingston inspecting a crop of Longfellow Cucumber. A great number of crops are grown with unusual care to supply seed to our critical market garden trade.

The other four pictures are of large market gardeners whom we serve. George Shirk and Son, Franklin Co., Ohio, growers of fine Eggplant; Hugh Eyerdom, Cleveland, Ohio, who says: "This bunch of 12 of your Golden Plume Celery weighed 60 lbs. trimmed." Jacob Weiss and Sons, Milwaukee, Wis., sent picture of field of Nantes Carrot, Globe Radish and Onions. Chas. Fishel, Indianapolis, Ind., in his field of Giant Stride Peas.

Concluded on page 69



Livingston's Mammoth Purple Eggplant

Vitamins a, b, c

Eggplant

Iron Cal. lb. 130

Culture—Sow seed ¼ to ½ inch deep in hotbed or window box in late March. Temperature should be about 75 degrees. When large enough to handle transplant to other boxes; keep covered and warm, and occasionally water. Harden plants by gradual exposure to sun and air. Transplant outside in late May or June, into warm, rich soil, 2 to 3 feet apart each way. When about a foot high draw earth up to the stem.

One ounce of seed produces about 1,500 plants

Livingston's Mammoth Purple. **Quite early, surecropper and entirely spineless.** A splendid strain of New York Improved Large Purple. The plants are large, vigorous, and very productive. Fruit is uniform in color and shape, very large—usually 6 to 8 inches in diameter, sometimes larger; skin a handsome dark purple, smooth and glossy; flesh white, of superior quality. 130 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz., 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

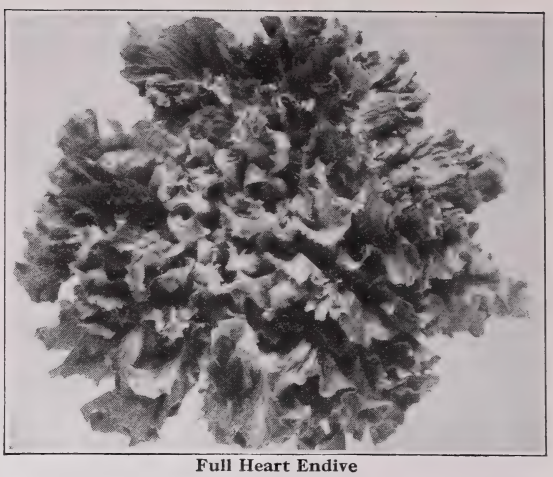
Black Beauty. Earlier than the purple varieties; well adapted to Northern growing. Fruit rich, lustrous, purplish black color. A distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits that are very attractive and of the best quality. Entirely spineless. 120 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.45; lb. $4.25.

NEW YORK IMPROVED LARGE PURPLE. Fruit very large, oval, smooth, deep purple, flesh white and of good quality. Similar to Livingston's Mammoth. 130 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

Garlic Sets

Cal. lb. 450

Plant in April in rows 1 foot apart, placing sets 4 inches apart in the row, 1 inch deep. When tops die take up the bulbs and dry in a shady place. Garlic is used for flavoring purposes. Bulbs, oz. 5 cts.; ¼ lb. 15 cts.; lb. 35 cts.; 5 lbs. $1.50.



Full Heart Endive

Vitamins a, c

Endive

Cal. lb. 110

Culture—For an early crop, sow in April in rows 15 inches apart, cover ½ inch, and later thin the plants to stand 1 foot apart in the row. The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips to blanch the heart. Tie a few at a time as needed.

One ounce of seed will sow 150 feet of drill

"Full Heart" Batavian. **Award of Merit, All-America Selections, 1934.** New Special Strain of fine quality. Large, thick, dark green leaves, slightly wrinkled. Forms a large head with a full heart which easily blanches to a beautiful light yellow. Earlier than and superior to Broad-leaved Batavian. Pkt. 5 cts.; ¼ oz. 10 cts.; ½ oz. 15 cts.; oz. 20 cts.; ¼ lb. 50 cts.; lb. $1.50.

BROAD-LEAVED BATAVIAN. The broad, thick, slightly wrinkled leaves form very large heads, which are much used in soups. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.15.

Large Green Curled. A hardy, vigorous-growing variety with bright, deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to rich creamy white. Pkt. 5 cts.; ½ oz. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. $1.25.

FINE GREEN CURLED. A hardy variety with deep green leaves, beautifully cut and curled, easily blanched. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 30 cts.; lb. $1.00.

Vitamins a, c

Dandelion

Cal. lb. 235

Culture—Sow in April or May, in warm, rich soil, in rows 1½ feet apart and cover seed ½ inch. Some of the plants will be ready for use in September; the remainder the following spring.

One ounce will sow 150 feet of drill

LARGE-LEAVED. Leaves are fully double the size of the common Dandelion. They make delicious "greens." Years of the most careful cultivation have developed a very fine strain of seed. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.75.

Dill

Culture—Sow in April or May, thinly in rows about 1½ feet apart for hand cultivation or 2½ feet apart if to be cultivated with horse. Cover seed about ½ inch. Dill is used in large quantities for flavoring cucumber pickles and vinegar.

One ounce will sow 100 feet of row

COMMON. Pkt. 5 cts.; oz. 10 cts.; ¼ lb. 20 cts.; lb. 60 cts.
MAMMOTH. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c.

Cucumber (Pages 56, 57) Insecticides (Page 13)

White Short-leaved Kohlrabi

Vitamins b, c

Kohlrabi

Iron Cal. lb. 165

Turnip-rooted Cabbage

Culture—Sow in hotbed in March and transplant in April or May, or sow outside in April or May. Make rows 18 inches apart, cover seed ½ inch and thin to stand 6 inches apart in the row. The bulb above the ground is the edible part. Fine for table when young; good for stock feeding when mature.

One ounce of seed sows 300 feet of row

Early White Vienna. Greenish white outside, with clear white flesh within. Fine in quality. Pkt., 5 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb., $1.75.

EARLY PURPLE VIENNA. Same as above, except in the outside color. Pkt., 5 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

EARLY WHITE SHORT-LEAVED. An extremely early sort, with very small tops, thus allowing close planting; flesh white. Fine for forcing. Pkt., 5 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

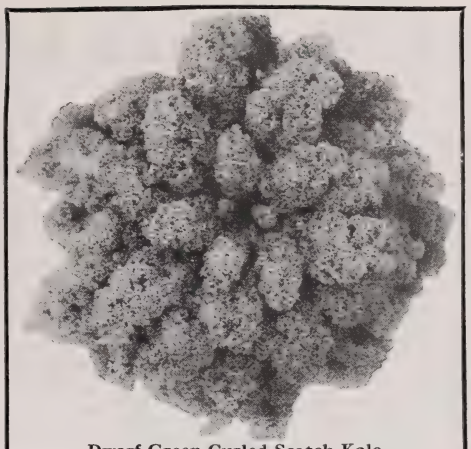
"TRUE BLUE" SEED—None Better

Painted Pot Labels

Postpaid with seed order.			Not postpaid.	
Sizes	50	100	Wgt. per 1000	1000
4 x ⅝	$0.30	$0.50	4 lbs.	$2.00
4½x ⅝	.30	.50	5 lbs.	2.10
5 x ⅝	.35	.55	5 lbs.	2.20
6 x ⅝	.40	.60	6 lbs.	2.50
8 x ⅝	.45	.65	9 lbs.	2.80
10 x ⅝	.50	.75	11 lbs.	3.50
12 x ⅝	.60	.85	15 lbs.	4.20
8 x ⅞	.70	.95	14 lbs.	4.50
10 x ⅞	.90	1.25	18 lbs.	5.50
12 x1⅛	1.25	1.75	30 lbs.	8.20

Copper Wired Tree Labels

Painted, durable wood labels. Ideal for marking trees, shrubs, Dahlia tubers, Canna bulbs, etc. Size, 3½x⅝-inch, 50 cts. per 100; $1.50 for 500; $2.45 per 1,000, **not postpaid. Add postage.** Weight, 5 lbs. per 1,000.



Dwarf Green Curled Scotch Kale

Kale or Borecole

Vitamins A, b, c, g
Calcium, Iron, Cal. lb. 225

Culture—Sow ½ inch deep about the middle of April, but can be sown as late as July. For wintering over, sow in September. Thin or transplant and cultivate like cabbage. Does not form heads, but furnishes abundance of curled leaves. Will endure considerable frost without injury.

One ounce of seed sows 200 feet of drill; 1 to 2 pounds sow an acre

Dwarf Blue Curled Scotch. Dwarf, spreading type with large, bluish-green leaves which are finely curled and of excellent quality. Hardy. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

Dwarf Green Curled Scotch. Dwarf and spreading. The leaves are beautifully curled and of a bright green color. Hardy. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

TALL GREEN CURLED SCOTCH. Similar to the above in color. The plant grows about 3 feet high, is very ornamental and makes excellent greens. Very hardy. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25c; lb., 90 cts.

SIBERIAN. Dwarf growth; bluish green leaves. Sow in September, in rows a foot apart, and cultivate the same as spinach. Very hardy and makes excellent spring greens. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

Leeks

Vitamins a, b, c

Leeks

Iron Cal. lb. 205

Cultivate the same as onions. One ounce of seed will sow 100 feet of row.

BROAD SCOTCH or LONDON FLAG. A hardy kind; large, strong plants with broad leaves. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

LARGE MUSSELBURGH. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Herbs for Many Purposes

Sweet, Pot, Culinary, and Medicinal

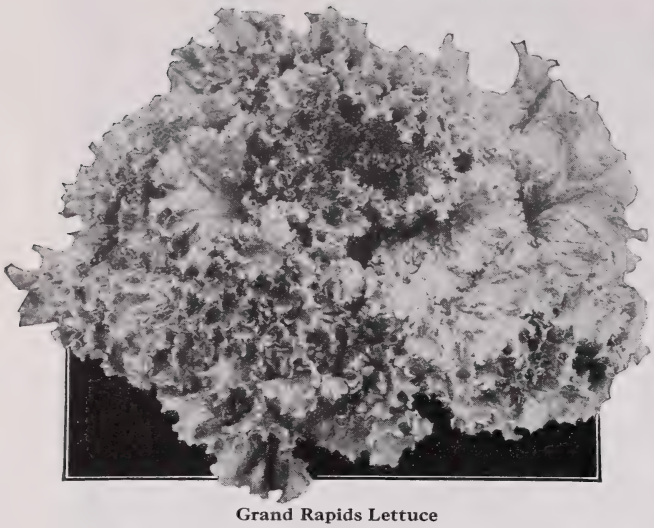
Culture—Herbs delight in a rich, mellow soil. Sow in April or May, in shallow drills 1 foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Harvest on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in dry bottles or dry boxes to exclude the air. Varieties in this list marked with an * require two years to mature.

	Pkt.	Oz.		Pkt.	Oz.
Anise	$0.10	$0.20	*Rosemary	$0.10	$0.50
*Caraway	.05	.10	Sage, broad-leaved	.10	.30
*Coriander	.05	.10	Summer Savory	.10	.15
Dill, Common	.05	.10	Sweet Basil	.10	.15
Dill, Mammoth	.05	.10	Sweet Marjoram	.10	.30
*Fennel, Sweet	.05	.20	*Thyme	.10	.45
*Horehound	.10	.25	*Wormwood	.10	.45
*Lavender, Sweet	.10	.40			

Gumbo (Page 68) Lettuce (Pages 60, 61)

Vitamins
a b c g

Livingston's Leaf and Heading



Grand Rapids Lettuce

Leaf or Loose Headed Varieties

Culture—To grow good Leaf Lettuce outside sow the seed very thinly (¼ inch) in rows 15 inches apart, covering with very fine soil. This can be done in April as soon as the cold wet days of spring are past. Successive sowings can be made at 2 weeks intervals for a continuous supply. Diligent hoeing, especially in dry weather and plenty of water are essential. Thin plants to 2 inches apart when a few leaves appear and normal use will further thin the row as they develop. For fall crop sow seed in August. For extra-early crop sow in cold-frame in fall and protect through the winter or in hot-bed in early spring and set out when soil is dry and warm.

One ounce of seed sows 100 square feet; plants 120 feet of row; produces 3,000 plants.

Special Lettuce Collection

Two Leaf Varieties
BLACK-SEEDED SIMPSON, PRIZE HEAD
One Heading Variety: LIVINGSTON'S CRISP-AS-ICE
1 pkt. ea. (value 15c) 10c; 1 oz. ea. (value 55c) 40c

Grand Rapids. **Especially adapted for greenhouse culture;** also good to sow outside early in the spring. Our stock of this variety is extra fine. It does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good market condition for a long time after cutting. Should be sown more shallow than the other sorts, otherwise it may not germinate. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.65.

OHIO GRAND RAPIDS. It is a dark-leaved Grand Rapids, and a quick grower. Especially adapted to midwinter crops in greenhouse. Very hardy. Not advised for home-gardens. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.65.

PRIZE HEAD. Heads are large, light green tinged with brownish red, and of superb flavor. Even the outer leaves are crisp and tender. Extremely hardy. Very fine for home use but too tender to ship any great distance. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Black-Seeded Simpson. **The Universal home-garden variety.** Forms a large, loose head of nearly white, curly leaves that are large, thin, very tender and of good quality. For home table use you can get no better. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.30.

Arlington Fancy Curled. A beautiful variety of the curly-leaf type. It resembles the best stocks of the Grand Rapids, but it is more beautifully curled and produces greater weight to a given space. It is very true to type, of excellent quality, and for garnishing nothing in the Lettuce line excels it. Everyone should grow some of it, as it is one of the popular favorites with the general public. It has a slight tendency to head, which makes it very crisp. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb., $1.75.

EARLY CURLED SIMPSON. Forms a compact mass of curly leaves of light yellowish green, very tender. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.30.

Mushroom Spawn

Mushrooms may be grown in a shed, cellar, cave or under the benches in greenhouses; in fact, in any place where conditions of temperature and moisture are favorable or can be controlled. We receive fresh Spawn several times a year from the best American growers.

CULTURAL LEAFLET WILL BE SUPPLIED TO CUSTOMERS

American Pure-Culture White Spawn.

Produced from original spore cultures under the new French process, which permits the indefinite reproduction of selected varieties without dilution of the strain, and free of any trace of the parasitic diseases of the Mushroom.

BRICK SPAWN. Spawns 10 square foot bed. Brick, 40 cts.; 5 bricks, $1.50; 25 bricks, $6.75 Postpaid.

BOTTLE SPAWN. Will spawn 40 square foot bed. Bottle, $1; 5 bottles, $4.50; postpaid.

MAKE THE MOST OUT OF YOUR GARDEN
Follow first early crops with later ones.

Black-Seeded Simpson — **Home-Garden Variety**

Herbs (Page 59) Leeks (Page 59)

Lettuce

Calcium
Iron
Cal. lb. 85

Heading Varieties

Culture—Head Lettuce requires a longer growing season than leaf lettuce but must reach maturity before hot weather and while the nights are relatively cool. Therefore, the secret of growing it is an extra-early start, quick and uninterrupted growth. This requires diligent cultivation and a constant and fairly high moisture content in the soil. It is best to start seed inside or in hotbed in March and transplant later in rows 15 inches apart. Plants should be 12 inches apart in the row. Seed can also be sown outside in early spring or late summer.

Maturities given are from transplanting date.

Wonderful (New York). A truly wonderful heading variety. It is peculiar in having a dark green leaf when growing, but the head blanches to a light green with a center of creamy white. Heart is solid, sweet, tender, and crisp. This variety frequently weighs 2 to 3 pounds and has been known to grow to 6 pounds. Should be planted to avoid hot seasons for heading. 60 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

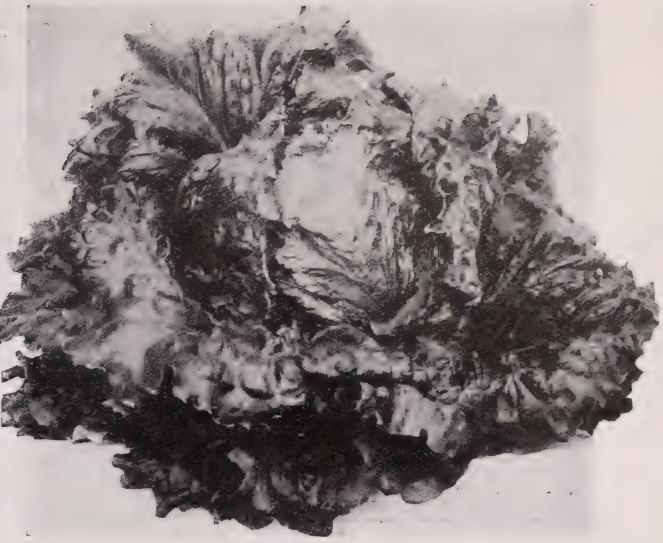
New York No. 12. A new strain of New York. Perfectly round; solid and crisp; grows to a large size. Prefers cool weather and well fertilized soil. Matures early and is a sure header. Popular for shipping. 60 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

Big Boston. **(White-seeded.) This selected Lettuce is a very desirable large variety for forcing in coldframes and for outdoor planting.** Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. It forms good-sized heads and does particularly well during the cool fall and spring months. Superior quality. 50 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.55.

White Boston. Forms a fine, large, solid, buttery head similar to Big Boston, but does not have brown edges on the outer leaves. The head has a light green color and blanches to a creamy yellow. Desirable for coldframe forcing and outside growing, especially on muck soil. 50 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.65.

New Imperial No. 152 Lettuce. **See page 11.**

White Boston Lettuce



Wonderful Lettuce

Livingston's Crisp-as-Ice. Introduced by us in 1895. The large, solid heads deserve their name as they are exceedingly crisp, tender and brittle. Beautifully crimped and curled with outer leaves variegated dark brown, bronze and green; heart, creamy-yellow. Quite hardy. 50 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb., $1.75.

All-Heart. A very reliable, hard-heading variety of Cabbage-Lettuce. Withstands heat; leaves are closely set, having a solid heart, even before it is fully grown. Color yellowish green; flavor rich and buttery. 56 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.60.

ICEBERG. Beautiful large, curly leaves of light green, with a slight red tinge at the edges. Heads solid, crisp, tender, and of fine flavor. Do not confuse with Wonderful; they are entirely different. 50 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

IMPROVED HANSON. Large heads; outer leaves are bright green and frilled; inner leaves white, sweet and crisp. Reliable header, stands summer heat well. 48 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

TRIANON COS (Romaine). The long, narrow leaves, which form solid heads, blanch and become snowy white. Excels in quality and crispness. Can be eaten same as celery. 55 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

MAY KING. An early variety of head lettuce. Grows quickly, producing fine, medium-sized heads, even in poor soil. It is not easily affected by cold or wet weather. 45 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

CHICKEN LETTUCE. Does not head but has stalks 3 to 4 ft. high which yield as much chicken-feed as any "greens" plant. When cut it starts to grow again. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

LIVINGSTON'S LETTUCE MIXTURE. One sowing produces salad for the season. Liberal pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.

Steel Hand-Weeder No. 240

Blades are made from high-grade "clock spring" steel, ground and tempered. One edge is serrated and sharpened and blade is riveted to steel handle. A very popular tool with florists, market gardeners, onion-growers, etc. **25 cts. each, postpaid.**

Livingston's Delicious

Special Muskmelon Collection

Three fine varieties; a green fleshed, a salmon fleshed and an oddity that you will like.
LIVINGSTON'S OHIO SUGAR HEARTS OF GOLD BANANA, an odd novelty
1 pkt. each (value 15c) 10c
1 oz. each (value 50c) 35c

Henry A. Meyer, Albany Co., N. Y., writes: "*The melon seed I got from you last year grew fine and had the best melons I ever had from a seed house. A few melon growers around here were surprised to see the way the melons grew and I believe some of them will send for some seed as they wanted to know where it came from.*"
Herman Siewing, Valley Co., Montana, writes: "*If you want to see some Longfellow Cucumbers, and I mean real Longfellows, also 3 lb. size Onions, grown from your seeds, then you ought to come up to Fort Peck next summer.*"

Culture—A rich, sandy soil and good seed are absolutely necessary for success in raising the best Muskmelons. The seed should not be planted until the ground has become dry and warm; plant in hills 6 feet apart each way; old, well-rotted manure should be thoroughly mixed with the soil in each hill and in liberal quantity. Put six to eight seeds in the hill and when danger from insects is past, leave one or two of the strongest plants only. Muskmelons or Cantaloupes may also be sown in rows that are made about 6 feet apart, and when the plants are well up thinned to stand in hills 5 to 6 feet apart, just before the plants begin to run. This method requires more seed but insures a good stand of plants in spite of the bugs. Cover seed 1 inch. Cultivate often and not deep.

One oz. will plant 60 hills; 2 to 3 lbs. will plant an acre.

Green Fleshed Varieties

Livingston's Ohio Sugar. **Popular main-crop and home market variety.** Absolutely distinct and very superior melon, the result of years of most careful and painstaking selection and breeding. One of the sweetest and most luscious green-fleshed Cantaloupes now on the market. It is the rarest exception that an under-quality melon is found. Of that desirable size in demand in all markets, round, inclined to oval in shape, heavy in proportion to size because the flesh is deep. Distinctly ribbed and well netted—color of skin gray-green. The firm flesh is an attractive green of exquisite texture, sugary, juicy, tender, and free from stringiness; seed cavity is small. Uniform shape. Illustrated below. 80 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

SELECT STOCK. Pkt., 10 cts.; ½ oz., 15 cts.; cz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Rocky Ford. A netted Gem melon with sweet, green flesh of high quality. Fruit small, almost round, smooth, slightly ribbed, densely covered with netting. 75 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.10.

Honey Dew. Green fleshed. Sweet as honey. Averages about 6 inches in diameter and weighs five to six pounds. The skin is smooth with little netting, flesh green, very thick and fine-grained. 100 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Extra-Early Knight. **(Sweet Air.)** The earliest, green fleshed, medium-sized melon. Fruit oblong; skin deep green, turning to gold at maturity, well covered with a close gray netting and distinctly ribbed; flesh fairly thick and very sweet; color medium green blending to light pink. 70 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

HAVE AN EARLIER GARDEN THIS YEAR

Germāco

Hotkaps

An individual hothouse for each plant.

PRICES REDUCED

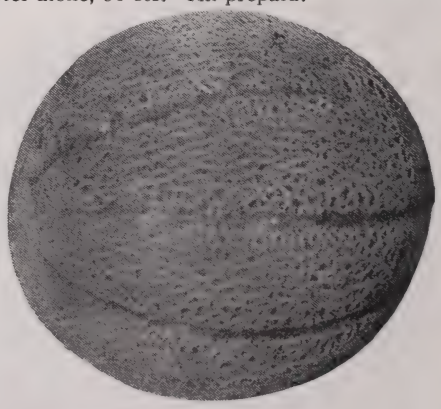
A scientifically constructed wax paper cone that you place over each plant. Form miniature hothouses that protect plants from frost, wind, rain, insects, and ground crusting. Better, earlier Vegetables; method of crop insurance.

INSTRUCTIVE PAMPHLET FREE

Prices: 1,000 lots, $9.75; 5,000 lots at $9.65 per 1,000; 10,000 lots at $9.55. Trial package of 250, including special-type Garden Setter, $3.65. Standard Germaco HOTKAP Setter, $1.50. All prepaid.

If you need HOTKAPS for your back-yard garden, note these prices: 100, with Garden Setter, $2.40; Garden Setter alone, 50 cts. All prepaid.

Ohio Sugar Muskmelon
We have taken much care in breeding and selecting this fine variety.



Hearts of Gold Muskmelon
A blight-resisting, vigorous, productive variety. A thin, but very firm rind with dense netting makes it a good shipper. Known as "Hoodoo" in some sections. Fully described on opposite page.

Muskmelons

Iron Cal. lb. 185

We Take Much Pride in the Quality Seeds You Are Offered Here

Salmon Fleshed Varieties

Livingston's Tip-Top. **Tip-Top in quality, appearance, and productiveness.** *Introduced by us in* 1892. This splendid melon has "held its own" for many years against all introductions in the melon line, and no yellow-fleshed melon of which we have any knowledge compares with it in good qualities. The testimony of all who have used **Tip-Top** is that every melon produced, whether large or small, early or late, is a good one—sweet, juicy, finest flavor, firm fleshed and edible to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size, and flesh bright salmon in color; slightly oblong, evenly ribbed, moderately netted, very productive. 80 days. Originator's Strain, pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

SELECT STOCK. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Hearts of Gold. **(HOODOO).** Fruits are nearly round with very dense, fine netting; rind is thin but very firm; hence it is one of the best shippers. Flesh highly colored salmon, of fine texture and delicious flavor. Vines vigorous, productive and blight resistant. Illustrated on opposite page. 73 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Milwaukee Market. A large variety, averaging 8 inches in diameter; has small seed cavity and thick, salmon flesh of a delicious, sweet flavor. Excellent as a home garden variety and used by gardeners who sell on close markets. Will not stand shipping. 87 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Honey Rock. **Gold Medal, All-America Selections, 1933.** A new and outstanding variety which is sure to become the most popular with both home and market gardeners. The quality is excellent, every Melon being of high flavor and very sweet. The size is ideal for making two servings. It is almost as round as a ball, measuring about 6 inches thru and covered with coarse heavy netting. Flesh is a salmon color, very thick and sweet. Early. Illustrated below. 78 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15cts.; ¼ lb., 45 cts.; lb., $1.40.

Hale's Best. **The earliest and best of the Rocky Ford type.** A slightly oval variety averaging about 7½ inches long, heavily netted. Flesh is deep salmon, very thick and firm, with a fine flavor. Very popular with shippers and an excellent variety for home use. 75 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.30.

Bender's Surprise. **Excellent main-crop variety.** A very popular variety in the East, particularly in northern New York. Skin light greenish yellow when ripe. A very delicious, large, salmon-fleshed melon with superior shipping and keeping qualities. 80 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Lake Champlain. An exceedingly early salmon-fleshed melon of medium size and good quality. It is not entirely true as to type, but on account of its extreme earliness and quality we recommend its use for home and near-by markets. 68 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.30.

Emerald Gem. Ripens early. Medium-sized, nearly round melon, with delicate light salmon flesh, very thick, fine-grained, and of superb flavor. The rind is thin, dark green ribbed, slightly netted. One of the best for home use. 75 days. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c; lb., $1.15.

Honey Dew. Salmon fleshed. Same as Honey Dew, green fleshed on opposite page. 100 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

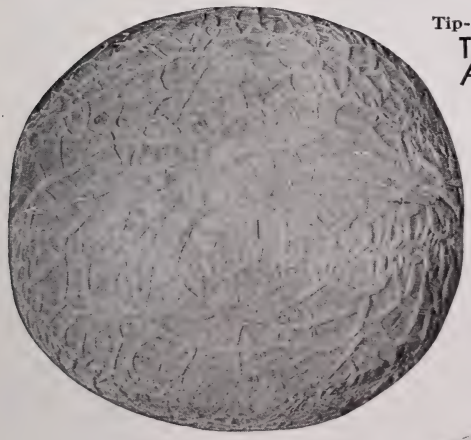
BANANA. Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. 85 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

OSAGE. Large, oval, slightly ribbed variety. Main crop sort for market or home use. 78 days. Pkt., 5 c; ½ oz., 10c; oz., 15c; ¼ lb., 35c; lb., $1.10.

EXTRA-EARLY OSAGE. Earlier than the above and almost as large. 75 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

Greeley's Wonder. A 4 to 5 pound, round, heavily netted, late variety. 80 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Write for Special Price on Large Lots of Melons



Honey Rock Muskmelon

This melon received a Gold Medal in the All-America Selections in 1933. It is really deserving and is becoming very popular with both home and market gardeners.

Livingston's Tip-Top Muskmelon

The King of All Melons

Every home gardener should try it this year.

Watermelon (Pages 64, 65)

Vitamins
b C g

Livingston's Fine Flavored

Improved Kleckley's Sweet Watermelon

Culture—A light, sandy soil, with good exposure to the sun, is the best situation for Watermelons. The ground should be prepared deeply, but receive shallow cultivation. Hoe often and very thoroughly about the hills. If extra-large Watermelons are desired for exhibition purposes, leave but one or two on a single vine. Plant 1 inch deep in hills 6 to 8 feet apart each way, with a very generous shovelful of well-rotted manure mixed with the soil in each hill. If commercial fertilizer is used, it should contain a large percentage of ammonia and potash. Plant eight to ten seeds in each hill, and finally, when danger from insects is past, thin out to three strong plants. Watermelon seeds being large, an ounce is about right for small gardens.

One ounce of seed will plant 20 to 30 hills
4 to 6 lbs. will plant an acre

Tom Watson. **A popular shipper.** An extra-long melon of attractive appearance, uniform in shape and quality. The average melon will weigh 35 to 40 pounds and measure about 24 inches long and about 10 inches in diameter. Its luscious crimson flesh is sweet, melting, and of superb flavor. Very prolific. Rind thin but tough, hence popular for shipping. Brown seeded, mottled white, 90 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Halbert Honey. Sweetest watermelon grown and without strings in the flesh. A long, dark green variety. Fruits average 18 to 20 inches long and have a thin, brittle rind and deep red meat of delicious flavor; pulp entirely free from stringiness. One of the best for home gardens and sells on nearby market. White seeded. 85 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Complete Spraying and Dusting Calendar, page 85.

Halbert Honey Watermelon

Improved Kleckley's Sweets. An improved strain of Kleckley's Sweets, being more full at either end. It is large, heavy, oblong and has an even dark green skin and rather thin rind. Averages 18 to 20 inches in length and 10 to 12 inches in diameter. Flesh is bright scarlet, with solid heart deliciously crisp and sugary. One of the most desirable varieties for home garden or local market growing. White seeded. 85 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

SWEETHEART. Splendid for shipping—popular in the South. It is hard to beat as to quality and productiveness. Melons oval, very heavy, very thin rind, but firm. In color it is a light green, slightly veined with a darker shade. The flesh is a bright red, very tender and sweet. Dark brown seeded. 80 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

FLORIDA FAVORITE. A splendid oblong early melon. Skin dark green, slightly mottled with still deeper shade; flesh dark red and of the finest flavor and quality; seeds white. 80 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Dixie Queen. **A remarkable new melon.** Destined to become a leader for home gardens, local markets and shipping. Round with light and dark green stripes; thin, tough rind; flesh bright scarlet, solid and of fine texture; very few seeds. Medium to large size and very uniform. White seeded. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

COLE'S EARLY. Very hardy. A sure cropper for Northern States. Its dark red flesh is delicate in texture; rind green, striped with lighter shades, thin and brittle; of medium size and nearly round. Matures early. Especially good for home use. Dark brown seeded. 75 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

LIVINGSTON'S ORANGE. Inner portion resembles an orange, hence its name. Inner core separates from rind when ripened and can be lifted out. Flesh beautiful pink shade, fine quality. 78 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Special prices on Watermelon in 10- to 100-pound lots

Please write us for quotation on your requirements

Watermelons

Calcium
Iron
Cal. lb. 140

Stone Mountain or **DIXIE BELLE.** Large, medium dark green, round melon of excellent quality. Flesh highly colored, very solid with fewer seeds than others. A tough rind makes it good for shipping. Being early it can be grown farther north than many others; therefore good for home gardeners. Illustrated below. White seeded. 85 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Fordhook Early. The earliest and best melon of good size. Next to Cole's Early in time of ripening, but much larger. Fruit round; skin dark green; flesh is bright red, of fine quality. White seeded. 75 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

Ice Cream. **True White-seeded.** The great kitchen-garden and home-market Watermelon. Of good size; medium early; fruit oblong; rind light mottled green. The bright red flesh is solid to the center. 80 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Irish Gray. Similar in shape and size to Tom Watson. Rind is greenish gray, thin but tough; flesh is red and free from stringiness. White seeded, 85 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

HARRIS' EARLIEST. Large, oval sort, with mottled skin. Dark brown seeded, 75 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

PRESERVING CITRON. Most desirable for preserves. Red seeded, 100 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

GRAY MONARCH (Long Light Icing). Very large melons, oblong in shape. White seeded, 80 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

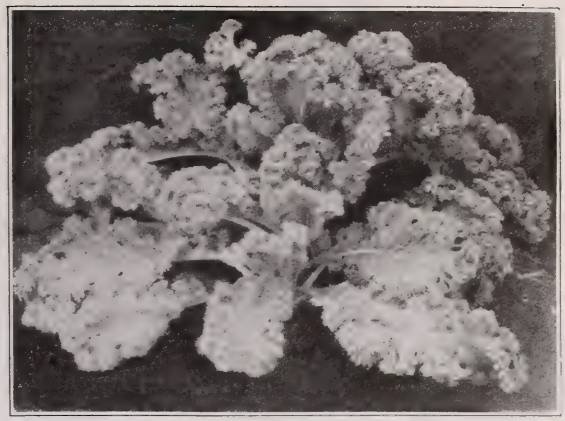
CHILIAN. Medium sized, round melon with green skin, mottled and striped. Flesh bright red and of good quality. Popular on the Pacific Coast; good shipper. White seeded, 80 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

THURMOND GRAY. A large, long melon with gray-green skin and rich crimson flesh of delicious flavor Will stand shipping. White seeded, 85 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

We can supply Round Dark Icing, Georgia Rattlesnake, Round Light Icing, Peerless, and Alabama Sweet. Each, pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

We Pay Transportation. **See Page 3**

Stone Mountain Watermelon



Ostrich Plume, Long Standing Mustard

Mustard

Iron
Cal. lb. 125

Culture—Sow seed ½ inch deep about the middle of April in rows 12 to 18 inches apart and when up thin to stand 4 to 6 inches apart in the row. Successive sowing will give tender leaves throughout the season.

One ounce of seed will sow 100 feet of row

Ostrich Plume, Long-Standing. **Gold Medal, All-America Selections, 1935.** A selection from Southern Giant Curled having remarkably long standing qualities, as much as 2 weeks longer than others. Leaves look like ostrich plumes, are finely crimped and curled and of a brighter color than the original. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Fordhook Fancy. The vigorous-growing plants have beautiful, dark green, curled leaves. It is most productive from early spring sowings and stands well, even during the hot summer months. Pkt., 5cts.; oz., 10cts.; ¼lb., 25cts.; lb., 85cts.

Southern Giant Curled. Popular in South. Large bunches of tender green leaves. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

CHINESE. A giant curled variety with leaves of large size. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.

WHITE ENGLISH. Leaves are light green, mild, and tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

SAGE HI-CAPS

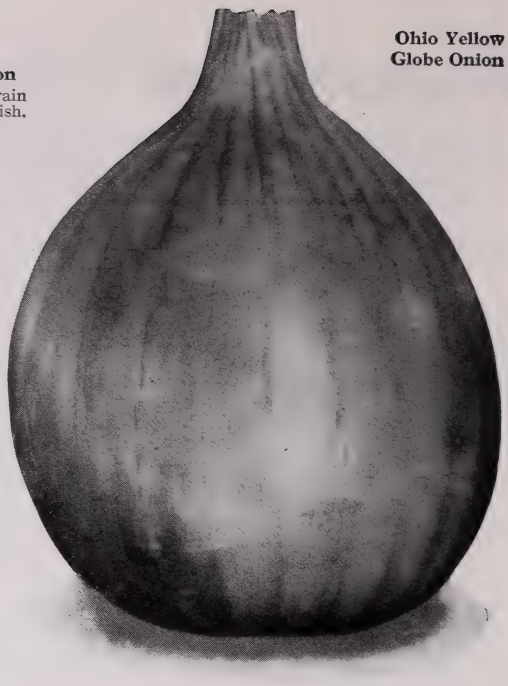
for EARLIER CROPS

A scientifically designed, 12 inch high, ventilated, individual hothouse that protects the plant from adverse conditions, retains moisture, prevents crusting, maintains perfect mulch and promotes larger and hardier growth weeks earlier than normal. **Descriptive and instructive leaflet free.**

Prices: 1,000 lots, $10.50; 5,000 lots at $10.35 per 1,000; 10,000 lots at $10.25. Trial package of 250, including special paper Garden Setter, $3.75. Standard Aluminum Setter, $1.50. **All prepaid.**

If you need HI-CAPS for your back-yard garden, note these prices: 50 in flat carton (carton convertible into setter) $1.25 **postpaid.**

Riverside Sweet Spanish Onion
An improved strain of Sweet Spanish. Mild flavored.



Ohio Yellow Globe Onion

Vitamins
a b c g

Livingston's Choice

Culture—Onion seed should be sown as early in April as it is possible to get the ground in shape, even though the weather is cold. Thorough preparation of the soil is one of the most essential points in successful Onion-growing. They delight in a rich, deep, sandy loam, but excellent yields can be obtained from heavier soils properly fertilized. Sow the seed in rows 12 to 15 inches apart and about ½ inch deep. After they are well started, or about 3 to 4 inches high, thin out to stand about 2 inches apart, keeping them well hoed and free from weeds at all times throughout the season.

Cultural leaflet free to customers

For Large Onions—1 ounce to a 100 foot row, 4 lbs. to an acre.
For Onion Sets—6 ounces to a 100 foot row, 50 to 60 lbs. to an acre.

Special Onion Collection

SOUTHPORT GLOBES, Red, White and Yellow
1 Pkt. Each (Value 15c) 10c
1 Oz. Each (Value 85c) 65c.

Yellow Varieties

Riverside Sweet Spanish. An improved strain of the Sweet Spanish Onion, superior in flavor, mildness, and keeping qualities. It is a large, well-shaped, brown Onion, weighing one pound or more. Unusually mild, but retains that genuine Onion flavor. Being a good keeper, it ships as well as any other. 110 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.75.

Ohio Yellow Globe. Most popular yellow globe. A distinctive and attractive globe shaped onion. Handsome, bright, even color; small necks and solid bulbs that ripen evenly. It is all that can be desired in size and quality and is a high yielder. Adapted to muck soil; excellent winter keeper. 100 days. Pkt., 5 cts.; ¼ oz., 15c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., $3.

Early Yellow Globe. New Yellow Globe strain which is becoming very popular on account of its earliness, ability to endure adverse conditions and its good keeping qualities. Large and solid. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

Mountain Danvers. One of the earliest and best keeping varieties in cultivation. The shape is globe, slightly flattened; color is a beautiful dark yellow shading to brown. A good shipper and a good sort to grow for sets. 100 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.75.

Ebenezer. **(JAPANESE.) Mildest yellow Onion in our list.** The Onions are large (often 4 inches in diameter), somewhat flattened, have attractive yellow skin and firm white flesh of delicate flavor; very small top and ripens quite early for so large a variety. One of the best for sets as they keep almost indefinitely. 100 days. Pkt., 5 cts.; ¼ oz., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., $2.50.

Mammoth Yellow Prize-Taker. **Grows to enormous size.** A hardy, good keeping variety of delicious mild flavor. It is globe-shaped, has rich, light yellow skin and white flesh and is a heavy yielder. Can be grown satisfactorily either by sowing seed in the open ground or by transplanting. 110 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.60.

YELLOW GLOBE DANVERS. Early and abundant cropper. Large, very thick bulb, flat or slightly convex bottom, full oval top, small neck and rich brownish yellow skin. We consider our Globe Danvers just right for critical growers. 105 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 90 cts.; lb., $3.25.

SOUTHPORT YELLOW GLOBE. Produces large, perfectly globe-shaped bulbs. Color of the skin is brownish yellow. Flesh white, fine-grained and crisp. Similar to Yellow Globe Danvers, but larger. 110 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 90 cts.; lb., $3.25.

Mustard (Page 65) Okra (Page 68)

Ebenezer Onion
Large, mild, yellow variety. Often measures 4 inches across. A good sort for home gardeners.

Southport White Globe Onion
A beautiful silvery white, globe-shaped variety. Considered the most handsome onion grown.

Onion Seed and Sets

Calcium
Iron
Cal. lb. 220

White Varieties

Southport White Globe. **The most handsome Onion grown.** Beautiful silvery white, perfectly globe-shaped, uniform in size. Flesh firm, fine grained, solid, and of pleasant flavor. Very small neck. Our stock of this important variety has been giving great satisfaction. 110 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

White Portugal **or Silverskin. Best general purpose onion for home gardeners.** Considered by many as the best flat white Onion. It matures early, is of good size and has a mild flavor. When young it is fine for green onions and is much preferred for combination dishes on account of the flavor. As a pickling variety it is much esteemed. It also makes a fine large Onion and is a good keeper. 95 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Indiana Silverskin. This is a fine strain of pure white Onion that produces round, hard Onion sets. Bulbs are semi-flat. One of the best keeping white varieties. 95 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

WHITE WELSH. Does not form a bulb but is the best sort for bunching. To carry over winter for spring use, seed should be sown in furrows 4 inches deep and filled in as the plants develop. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

Neponset Growing Pots

These Pots provide economy, ease and convenience for the full growing period of young plants without retarding the root growth—in fact, the waterproofing treatment of these pots seems to encourage healthy growth.

Size	Postpaid with your seed order 25	50	100	Wgt. per 1,000	Not Postpd. 1,000
2¼-in.	$0.40	$0.70	$1.10	16 lbs.	$ 6.05
2½-in.	.45	.80	1.25	22 lbs.	6.75
3 -in.	.55	.90	1.50	28 lbs.	7.70
3½-in.	.60	1.00	1.75	39 lbs.	9.90
4 -in.	.65	1.10	2.00	52 lbs.	11.65

Red Varieties

Southport Red Globe. **Largest and most popular red onion,** especially in the West. The largest of the Southport Onions, ripening from a week to ten days after the yellows. The bulbs are remarkably uniform in shape, of a rich red color, ripen evenly and yield a large percentage of Onions. Flesh pinkish white. They ripen down hard, keep well, and their beautiful appearance helps to sell them. 110 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.75.

LARGE RED WETHERSFIELD. Earliest round red. A standard red variety. Large; skin deep purplish red; form round and flattened; flesh purplish white. One of the best keepers. A great yielder. 105 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

Livingston's Choice Onion Sets

Young Onions are one of the most popular green vegetables in the garden. For real early ones you should set out some of our choice Onion Sets. This should be supplemented with onion seed for both green and bulb onions all through the season. All onions should be grown in rich friable soil. Sets can be set out as soon as the ground is warm and dry. Plant them about two inches apart and cover one inch.

WHITE ½ lb., 20 cts.; lb., 35 cts. postpaid.

YELLOW or Brown. ½ lb., 20 cts.; 1 lb., 30 cts. Ppd.

A pound of sets is equal to about one quart. **Write for our lowest market price on larger quantities.**

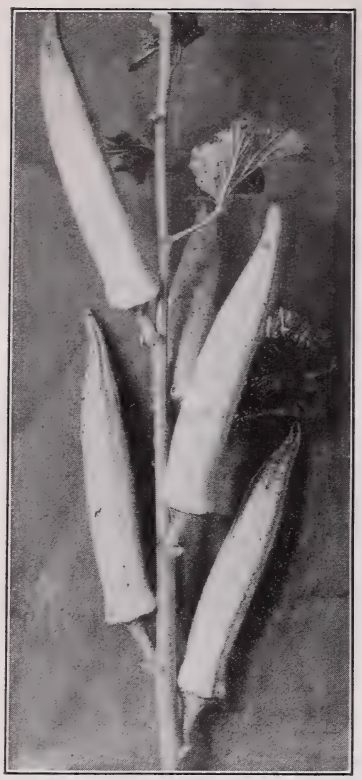
Cane Stakes

Dyed green, 18-in., 40 cts. for 50; 75 cts. per 100; $2 per 1,000; 3-ft., 80 cts. for 50; $1.50 per 100; $4 per 1,000; 4-ft., $1.25 for 50; $2.25 per 100; $6 per 1,000 **not postpaid.**

Raffia

Best Grade. Fine for tying up all plants. Lb. 40 cts.; 10 lbs. at 35 cts. per lb.; 25 lbs. at 30 cts. per lb.; 100 lbs. at 28 cts. per lb., **not postpaid.**

Oyster Plant (Page 77) Pruning Shear (Page 68)



White Velvet Okra

Ideal Weeder
Handiest little tool that we know about.
25c ppd.

Vitamins a b

Okra or Gumbo

Calcium
Iron
Cal. lb. 175

Fine for Soups, Stews, Relishes, Etc.

Culture—Sow seed in May, after the ground is warm and dry, in drills 2 feet apart, covering ½ inch and thin to stand 18 inches apart. Make early and late sowing for a continuous supply. The pods, when young, make fine soups alone or mixed with other vegetables.

One ounce of seed will sow 40 feet of drill

Dwarf Long-Pod. Grows only 3 feet high and begins setting its deep green, long, tender pods very early, close to the ground, and very abundantly. Continues to bear late in the season. Adapted to small gardens. 45 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

White Velvet. The large pods are perfectly round, smooth, an attractive velvety white, of superior flavor and tenderness. Plant dwarf, of compact branching growth and very prolific. 51 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Perkin's Mammoth. Very attractive dwarf plant. Produces beautiful, long, slender, deep green pods, which remain tender a long time. An extra-good variety. 60 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 55 cts.

Vitamins a b

Parsnips

Calcium
Iron
Cal. lb. 380

Culture—Sow seed in early April, as soon as the soil can be prepared, in drills 15 inches apart and ½ inch deep in well dug rich soil. Keep crust from forming and cultivate often. Thin to stand 4 inches apart. Roots improve by being left in ground until next spring.

One ounce of seed to 200 feet of drill; 5 to 6 pounds to an acre

HOLLOW CROWN (Large Sugar). Roots are white, smooth and of excellent flavor. 12 to 15 inches long by 3 inches through at top with hollow crown. 100 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

LIVINGSTON'S IDEAL. New variety of great merit. Clear white with very small core; of fine texture; free from stringiness and side roots. Intermediate in shape; wide, thick shoulders, deep hollow crown, tapers gradually to a point. Especially valuable to market gardeners. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

Vitamins A b C

Parsley

IRON
Cal. lb. 270

Culture—Sow seed in April in rows 1 foot apart, covering ¼ inch. Thin to 3 to 6 inches apart. Succeeds best in rich, mellow soil. Taken up in the fall and placed in 6 inch pots and kept well watered, Parsley will produce an abundance of leaves all winter. Used for seasoning soups and stews, for salads and for garnishing. Makes a fine ornamental border.

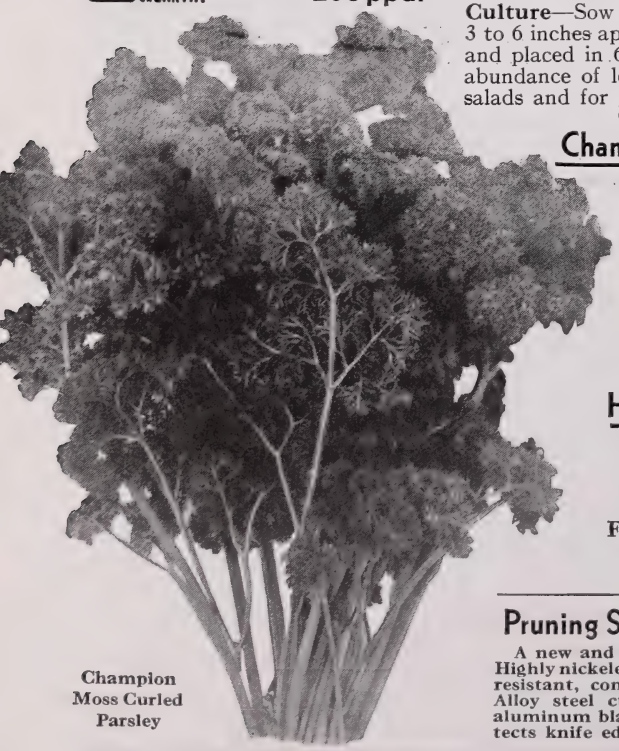
One ounce of seed will sow about 150 feet of drill

Champion Moss Curled. A vigorous compact sort. Owing to its uniformly deep green color and attractive foliage, it is one of the best for either market or home use. Densely crimped and curled. 70 days. Pkt., 5cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.10.

Peerless. **New. Award of Merit, All-America Selections, 1934.** A very dark green, fine curled type, about 8 inches tall. Its important characteristics are hardiness and ability to hold its color into the winter. Good quality and uniformity. 70 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

Hamburg. **(ROOTED).** The fleshy roots of this variety resemble parsnips, and are used in soups and stews. The flesh is white and sometimes similar to celeriac (root celery). The roots may be dug and carried through the winter like turnips, etc. 100 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.10.

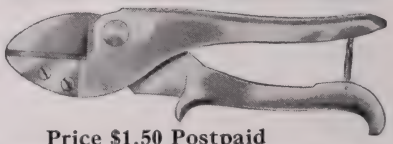
FINE DOUBLE CURLED. A standard dwarf variety having deeply cut and curled leaves. 70 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.



Champion Moss Curled Parsley

Pruning Shear No. 100

A new and improved Shear. Highly nickeled and polished, rust resistant, compact and durable. Alloy steel cutting blade, duro aluminum blade stop which protects knife edge, 10 inches long.



Price $1.50 Postpaid

Vitamins a b c

Pumpkins

Calcium Iron Cal. lb. 160

Culture—Pumpkins are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner. Sow in the month of May, when you plant your corn. Make hills the same as you do for squashes, but about 8 to 10 feet apart each way. Place about 8 seeds in a hill, cover 1 inch, and thin to 3 to 4 vines. It is preferable to grow Pumpkins in the field, and not in the garden, as they mix with the squashes and other vines. You can sow some among the late corn, putting in a few seeds, say every third or fourth hill. This will give you plenty for the table, and your stock the coming winter.

One ounce of seed will plant 15 hills; 3 to 4 pounds will plant an acre

Large Sweet Pumpkin
Fine for home garden use

Large Sweet. **(Kentucky Field).** A large, round, flattened Pumpkin that is hardy and productive. It grows 1 to 2 feet in diameter and has thick orange flesh of extra-fine quality. A splendid sort for canning, and market use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Small Sweet. **(Sugar). Best pie pumpkin.** This is the small, sweet Pumpkin that has made the New England States famous for their Pumpkin pies. The flesh is very fine grained, most deliciously sweet-flavored, and a splendid keeper. It averages about 10 inches in diameter and is of deep orange-yellow color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

MAMMOTH POTIRON. One of largest grown. A really enormous variety (specimens often grow 2 feet in diameter and sometimes **weigh 150 lbs.**) with depressed ends and slightly ribbed salmon-color skin; flesh bright yellow. Great exhibition sort. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

COMMON YELLOW FIELD. (Yankee Cow; Conn. Field). Cultivated chiefly by farmers for stock-feeding and used some for canning. Very productive. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Winter Luxury. Excellent for pies. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Small Sweet or Sugar Pumpkin
Fine for making pies

Why Not Grow Some Peanuts?

Culture—Peanuts require rich, sandy soil. Plant when the soil is warm and dry, about the middle of May. Plant 2 to 3 inches deep, with the hulls on, in rows about 3 feet apart, and about 10 inches apart in the rows. When ripe dig up the vines and hang up to dry.

Complete Peanut cultural leaflet free on request.

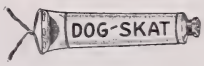
IMPROVED LARGE VIRGINIA (Jumbo). It has the largest pods and more kernels with fewer imperfect pods than any other. Stands erect, easily cultivated. Vines make valuable forage for stock. Large pkt., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.; 3 lbs., $1.00; 5 lbs., $1.50; 10 lbs., $2.75.

SWEET SPANISH. The earliest variety grown. Pods are small, well filled, and of fine quality. Large pkt., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.; 3 lbs., $1.00; 5 lbs., $1.50; 10 lbs., $2.75.

Spanish Peanuts

Lorenzo Littlehale Jr., Oxford Co., Maine, writes: *"I had very good success with your Marglobe tomato and onion seeds last year. Every seed must have grown. I had been unable to raise tomatoes on account of nail-head rust, but had a good crop of Marglobes last year. I thank you very much for your service."*

Keeps dogs, cats and animals away from trees, evergreens, roses, shrubbery, etc. Tube releases vapor offensive to animals but not noticeable to humans. One tube lasts a year.



35c Postpaid

Livingston's Serial Picture Story—Continued from page 57

The first illustration at left shows Livingston's Globe Tomato being packed for market. This variety, introduced by us many years ago, is still one of the most popular with growers. It is the "Daddy" of many new varieties recently introduced.

Following across we have: Mr. W. L. Bureau, Moscow, Ohio, with a plant of Livingston's Stone Tomato which, according to his statement, bears 80 good sized fruits; Hellwig Bros., St. Louis, Mo., growers of thousands of staked Tomatoes and users of our seed; Giant Oxheart Tomatoes grown by Mr. Cardy Adrian, Rogers, Mich.; Seedsmen inspecting crops at Ohio State University during Convention at Columbus in 1935.

Vitamins
a, b, C, g

Livingston's Sweet and

PLEASE READ THIS

At these low prices we cannot pay transportation on Peas beyond the 4th zone, unless ordered with other seeds. We cannot supply less than 5 pounds of one variety at the 5-pound rate; neither can we supply 5 pounds made up of two or more varieties at the 5-pound rate.

Culture—Peas thrive best in a rich soil and moderate temperature. Smooth seeded varieties are extremely hardy and can be planted quite early in April, about 2 to 3 inches deep. Wrinkled varieties are not so hardy but are of superior quality. They should be planted when the ground is warm and dry and if they are planted quite early they should be covered only 1 inch. For dwarf varieties make the rows 20 to 24 inches apart and for tall varieties make them 30 to 36 inches apart. The seed should be placed 1 to 2 inches apart in the row. In the home garden, double rows, 6 inches apart, with brush or trellis between is ideal for conservation of space. Cultivate often and gather the crop as rapidly as it is fit for use. Successive sowings or early, medium and late varieties sown together will provide food over a longer period.

Two pounds sow 100 feet of row; 75 to 100 lbs., an acre; 2 pounds equal 1 quart, 15 pounds 1 peck, 56 pounds 1 bu.

Early Dwarf Wrinkled Varieties

Little Marvel. **One of the earliest wrinkled peas.** Well adapted to home gardens. Pods medium dark green, 3 inches long, round with square ends and often contain seven rich, dark green peas. (See Illustration below.) Heavy bearer and high quality. 12 to 15 inches tall. 63 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.30; 10 lbs., $2.30.

Nott's Excelsior. Extra-early, dwarf, wrinkled Pea. Foliage medium green and rather heavy. Pods 3 inches long, filled with large sweet Peas and all are ready to pick at once. A great yielder. 12 to 15 inches tall. 59 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.20; 10 lbs., $2.10.

Laxtonian. This is a 3¾ to 4 inch giant-podded, early dwarf Pea having large, dark green pods and Peas of finest quality. Illustrated on opposite page. 22 inches high. 67 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

A Good Edible Pod Pea

MAMMOTH MELTING SUGAR. Large, fleshy pods of fine quality; can be cooked the same as beans. Vines 3 to 4 feet. 84 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 55 cts.; 3 lbs., 75 cts.; 5 lbs., $1.40; 10 lbs., $2.50.

Little Marvel Peas
A fine variety for either private or market gardens. It has been rightly named. Early—high quality and very productive. Looks like the best in its class.

Laxton's Progress. **Earliest of the large-podded dwarf varieties.** Very productive. Pods are 4 to 4½ inches long, pointed, deep green in color and contain eight large peas of delicious, sweet flavor. 15 to 18 inches tall. 64 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

Blue Bantam. Dark foliage, blue-green pods, and Peas. Pods 4 inches long with eight Peas of fine quality. 15 inches tall. 65 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

PREMIUM GEM. Light green, round, 3 inch pods with blunt end. Six light green peas; good quality. 18 inches tall. 65 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.20; 10 lbs., $2.10.

AMERICAN WONDER. Early and productive. 2½ inch pods; fine flavored peas. 10 inches tall. 60 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.20; 10 lbs., $2.10.

Early Tall Smooth Varieties

Mammoth Podded Extra Early. **Largest in this class and the most productive.** Deep green vines and foliage; robust and heavy. 4 inch dark green pods, round, broad, saddle-backed and square ended. Seven large, semi-wrinkled, green peas. Promising for early market. 3 feet tall. 59 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

Livingston's Prolific Early Market. Compares with "First-in-Market." Pods are longer and contain more fine flavored peas. Very productive. 30 inches tall. 58 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

Livingston's First-in-Market. A productive variety, ripening uniformly. Pods are handsome, straight, 3 inches long and full of medium-sized round peas. 24 to 30 inches tall. 58 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

EXTRA-EARLY ALASKA. Earliest grown—good canner. Blue-green peas that hold their color. 30 inches tall. 57 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.15; 10 lbs., $2.00.

ASK FOR PRICES OF PEAS IN LARGER QUANTITIES

INOCULATE THIS SEED WITH NOD-O-GEN

You can have better Peas this season by using this culture. Insures a catch, hastens maturity, increases the crop, and enriches the soil. Peas need nitrogen. Nod-o-gen Inoculator will supply it.

HOME GARDEN SIZE For Peas and Beans 20 cts. Ppd.
See page 45 for other sizes.

Tender Garden Peas

Calcium
IRON
Cal. lb. 460

Early Tall Wrinkled Varieties

World's Record. **Earliest tall wrinkled Pea.** Really an extra-early strain of Gradus, but more productive. Medium green vines and pods. Pods 3½ to 4 inches long, broad and pointed. 7 to 9 large, dark green peas. 2 feet tall. 60 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

Thomas Laxton. One of the most popular. Yields heavy. Large 4 inch, square ended, well-filled pods. (See illustration below.) Unsurpassed for quality. 3 feet tall. 62 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

Gradus or **PROSPERITY.** Old popular variety. 4 to 4½ inch, straight pods filled with handsome peas of superb quality. Illustrated below. 3 feet tall. 65 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.20; 10 lbs., $2.10.

Main Crop Tall Wrinkled

Alderman. **(Dark-podded Telephone.)** A late wrinkled variety bearing freely large pods of a dark green color, and on this account considered by many superior to Telephone. Quality extra fine. 4 feet tall. 72 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.20; 10 lbs., $2.10.

TELEPHONE. Vine large, with coarse leaves; height about 4 feet. Large light green pods with large Peas, tender, sweet, and of fine quality. 72 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.25; 10 lbs., $2.20.

Thomas Laxton

Laxtonian

Gradus Pea

Main Crop Dwarf Wrinkled

Giant Stride. **One of the best main crop varieties—sure cropper.** Pods average 5 inches long and have 8 to 9 large peas. Both pods and peas are dark green in color, of high quality and very productive. Vines, 2 feet. See illustration below. 80 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.30; 10 lbs., $2.30.

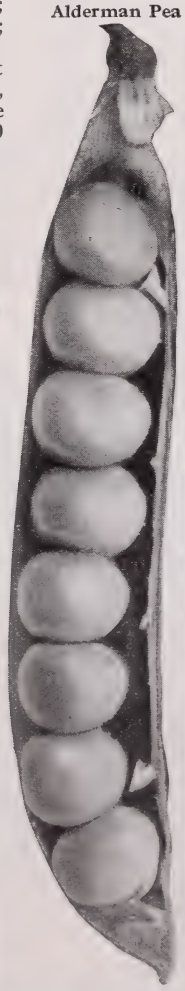
IMPROVED STRATAGEM. Strong, vigorous vines having large pods, 5 inches in length, containing eight to ten large, rich Peas. 2½ feet tall. 83 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.20; 10 lbs., $2.10.

Potlatch. A late variety of great value, with very large pods, measuring up to 6 inches in length. Vines and pods are a rich, dark green, and pods contain eight or nine immense Peas. The plant is vigorous and the pods are borne in pairs. It is a great producer. 2 feet tall. 83 days. Large Pkt., 10 cts.; ½ lb., 20 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 3 lbs., 70 cts.; 5 lbs., $1.20; 10 lbs., $2.10.

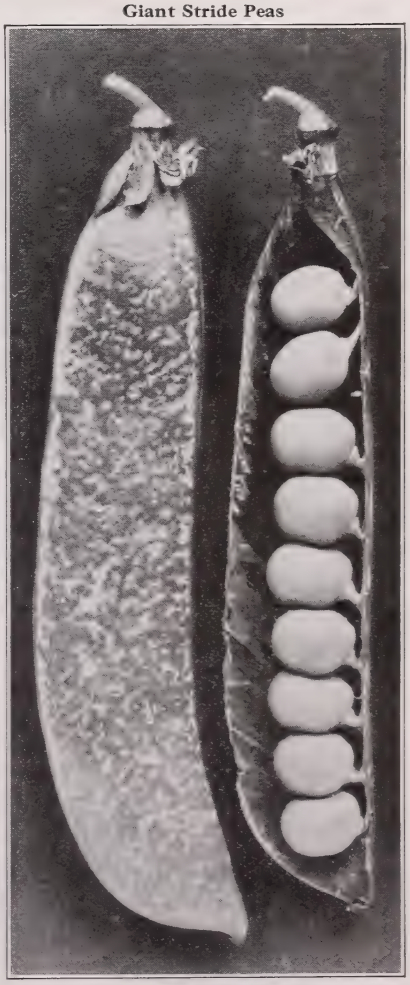
Home Garden Pea Collection

NOTT'S EXCELSIOR, Early **GRADUS, Medium**
TELEPHONE, Late
One packet of each, 25 cts.; ½ lb. of each, 50 cts.; 1 lb. of each, 75 cts.

Alderman Pea



Giant Stride Peas



Grow Your Own Pepper

Culture—Peppers should be started in a hotbed or coldframe in late March or early April and transplanted the latter part of May into a sunny corner of the garden, in rows about 2 feet apart, with the plants about the same distance between them in the rows. They can be sown ½ inch deep in open ground in a seed-bed when all danger from frost has passed and the weather has become settled and the soil warm. When the plants are about 3 inches in height, transplant as above into the rows where they are to remain. Some very rich fertilizer, stirred into the soil when the plants are about 6 inches high, will be beneficial. Maturities given are from transplanting dates.

One ounce of seed will produce about 1,500 plants
5 to 6 ounces to an acre

Harris Early Giant. **Earliest of all large-fruited sorts.** The plants are of vigorous growth and covered with enormous Peppers about 4 inches long and 3 inches through. The Peppers are deep green, turning to brilliant red, with thick flesh, of sweet, pleasant flavor. Fruits begin setting when the plants are quite small. Illustrated below. 52 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.50; lb. $4.50.

Oshkosh. Glossy green when growing, and many are used at this time. Bright canary yellow when ripe. Large, smooth, slightly ribbed, heart-shaped fruits. Prolific. 60 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 30 cts.; oz. 50 cts.; ¼ lb. $1.60; lb. $5.00.

Chinese Giant. It is of mammoth size, splendid shape, 4 to 5 inches broad and of equal length, beautiful, rich, glossy, bright red flesh, and mild flavor. Strong, bushy plants. 63 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.70; lb. $5.50.

RUBY GIANT. A variety somewhat similar to Ruby King, but the fruits are larger and a little broader at the blossom end. The flesh is very thick, firm, and mild. 52 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

California Wonder. **One of the most important market varieties.** Large size, having wonderfully thick flesh—often ¼ to ⅜ inch thick which is deliciously crisp, tender, and sweet, like the finest pimentoes. In color it is a brilliant dark green, changing to crimson when ripe, and is of uniform shape and smoothness. (See illustration below.) Should be grown on heavy soil for best results. 65 days. Pkt. 5 cts.; ¼ oz. 20 cts.; ½ oz. 35 cts.; oz. 55 cts.; ¼ lb. $1.70; lb. $5.50.

Livingston's Extra-Early Red Prolific. This variety is very early, bright red, and exceedingly prolific. A very sure cropper on all kinds of soil. The fruits average 3 inches in length by 2½ inches in diameter. 45 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

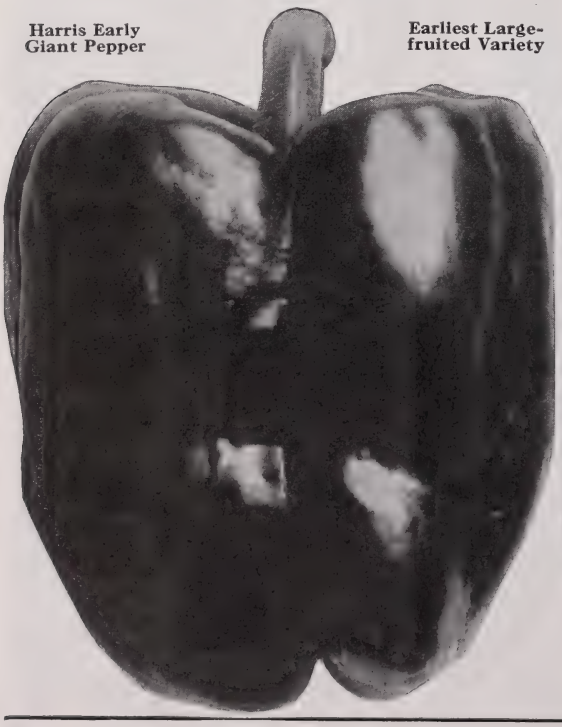
Livingston's Prolific Yellow. **Very early, very productive and mild. Introduced by us in 1914.** Quite similar to our Extra-Early Red Prolific except in color. Immensely productive of bright yellow fruits of the most convenient size for stuffing. 48 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.35; lb. $4.00.

World Beater. The shape is like Ruby King and the size almost equal to Chinese Giant but not so broad. A vigorous grower, sure cropper, and very prolific. The fruit is a beautiful scarlet, exceedingly mild; flesh thick and firm, making this variety an excellent shipper. Rapidly growing in favor, especially in the South. 50 days. Pkt. 5 cts.; ¼ oz. 15 cts.; ½ oz. 25 cts.; oz. 45 cts.; ¼ lb. $1.25; lb. $3.75.

First-Grade Stocks of Highest Quality

The Critical Market Gardener demands the highest quality. They like "True Blue" Seed. There is only one grade of "True Blue" Seed. Buy these seeds with that extra vitality which makes your gardening success outstanding in your neighborhood.

Harris Early Giant Pepper — **Earliest Large-fruited Variety**



California Wonder Pepper

Parsley (Page 68) Parsnip (Page 68) Peanuts (Page 69)

Calcium
Iron
Cal. lb. 155

Livingston's Pepper Seeds Show High Germination and Are of High Quality

Mammoth Ruby King. Splendid size and handsome appearance. The plants are vigorous, very bushy, growing about 2 feet in height, well branched, thickly set with large fruits, some 5 to 6 inches long by about 3 inches thick. 59 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.15; lb., $3.50.

LARGE BELL or BULLNOSE. A good early variety and of mild flavor. It is of medium size with skin fairly thick and fleshy. 50 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.10; lb., $3.25.

Sunnybrook. The Sunnybrook is larger and an improvement on the older type of the tomato-shaped Pimento. It comes into bearing early, is very productive, has very thick, sweet flesh, and is a brilliant red. The best of this type. 53 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

MIXED MANGOES. A choice mixture containing a large number of the best sweet varieties suitable for stuffing and mangoes. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.

Daniel Boering, Cumberland Co., Pa., writes: "*I like good seed, high germination and true to name. Your company gives one what he orders and prompt. That pleases me. I like your seed and method of doing business.*"

Rhubarb or Pie Plant

Culture—Sow seed 1 inch deep early in spring, in rows 1 foot apart. Transplant 2 feet apart the second autumn and start cutting the following spring. Requires a deeply cultivated and thoroughly manured soil.

One ounce of seed will produce 500 plants.

VICTORIA. Most generally used variety. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.35.

Hot Varieties

Livingston's Improved Thick Long Red.

Introduced by us in 1889. Bright red pods about 4 inches long; thicker than the ordinary Red Cayenne. Flesh thick and very hot. Very prolific and quite early. 50 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $3.75.

Hungarian Long Slim. A waxy canary yellow in color, turning to crimson at maturity. 5 to 6 inches long, rather slender, tapering to a somewhat twisted point. Very prolific and pungent. 53 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.70; lb., $5.50.

HUNGARIAN WAX (Large Type, Medium Hot). Same as above in color and maturity, but less pungent. Grows 4 to 5 inches long by 1½ to 2 inches in diameter. Try it with your mixed pickles. Pkt., 5 cts.; ¼ oz., 40 cts.; ½ oz., 60 cts.; oz., $1.00; ¼ lb., $3.00.

SMALL CAYENNE (Red Chili). The pods are 1½ inches long; very hot. Used for making pepper sauce. 50 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35.

LONG RED CAYENNE. Three to 4 inches long, quite narrow and hot. 50 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35.

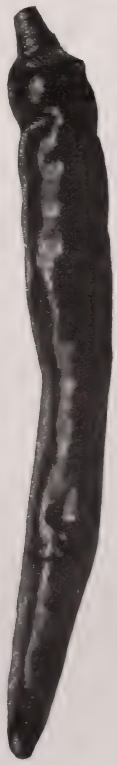
"RED HOT" MIXTURE. Small, ornamental sorts which are as "hot as fire." Pkt., 5 cts.

Hammond's Slug Shot

An old and proven insecticide and fungicide dust. Harmless to both vegetables and flowers, but powerfully effective against eating insects and fungus. Combats Mexican Bean Beetles, Potato Bugs, Cabbage Worms, Slugs, Sow Bugs and all other chewing insects.

1 lb. Sifter Top Can, 35 cts.
5 lbs., $1.25 Postpaid.

Mammoth Ruby King Pepper



Long Red Cayenne

Livingston's Improved Thick Long Red Pepper

Vitamins
a, b, c

Have Crisp, Tender Radishes

Culture—All varieties thrive best in light, sandy loam. For early use, sow in the hotbed in February, giving plenty of ventilation, or outside in the garden, in drills 1 foot apart as soon as the soil is warm and dry in April. Cover seed ½ inch deep. Sow every two weeks from March until September, except in extreme hot weather, for a succession of crisp Radishes for table use. Radishes must grow rapidly to be crisp, mild-flavored, and tender. The use of Nitrate of Soda or Sulphate of Ammonia applied when they first come up will promote this.

One ounce of seed will sow 100 feet of drill; 8 to 10 pounds will plant an acre.

Round and Oval Varieties

Early Scarlet Globe. **Most popular of all globe-shaped early Radishes.** Used more than any other variety by market gardeners for both forcing and open ground. A splendid round or globe-shaped sort with bright red skin and pure white flesh which is crisp, tender and of delicious flavor. We take much pride in the quality of our stock.(See illustration below and on inside back cover.) 25 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

SCARLET GLOBE, Greenhouse Special Strain. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

SCARLET GLOBE, Muck Special Strain. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

Saxa. Popular greenhouse variety but fine for home gardens. Very small top and tap-root. Beautiful scarlet color, round as a marble, crisp and juicy. When forcing it should not become dry, when it tends to crack. 25 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

Comet. **Award of Merit, All-America Selections, 1936.** New promising variety. Ball-shaped, bright scarlet. Grows large and does not become pithy. Further described on page 11. Pkt. 15 cts.; oz. 25 cts.; ¼ lb. 60 cts.; lb. $1.60.

Fireball. (NON PLUS ULTRA.) Deep, rich scarlet in color, with very small tops and crisp, tender, white flesh. Not quite so large as Scarlet Globe. 25 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

Early Scarlet Globe Radish

Glowing Ball. **Gold Medal, All-America Selections, 1934.** A round, short top variety with smooth, silky, bright scarlet-red skin with almost an orange glow. Very small tap-root. About 1 inch in diameter. Highly recommended for both greenhouse forcing and outside planting. Our stock produces fine, uniform bulbs. Illustrated on opposite page. 25 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 95 cts.

Cooper's Sparkler. (SCARLET TURNIP WHITE-TIP). A splendid, crisp variety of the Scarlet Turnip White-tipped type, but showing more white, while the upper half is a bright scarlet. 25 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Crimson Giant. Combines earliness and large size without becoming pithy even when a week older than other varieties. Crimson-carmine; turnip-shaped. 27 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Livingston's Selwel. An increasing demand on some markets for a Radish with a larger portion of white than in Cooper's Sparkler has prompted us to offer Selwel. Upper half, scarlet; lower portion, pure white. Almost round; very attractive appearance. 25 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

Rosy Gem. One of the earliest. It is perfectly gobular, rich brilliant scarlet at top, blending into pure white at bottom, tender and crisp. The greenhouse strain of Cooper's Sparkler. 25 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

EARLY SNOWBALL. One of the quickest growing and prettiest round Radishes in our list. White as snow; crisp and tender. 30 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

MODEL WHITE BOX. A short-topped Radish of rapid growth, perfect turnip shape, and extra-fine quality. 28 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

GOLDEN GLOBE. Most perfect globe-shaped; golden colored skin; white flesh, tender, brittle; withstands heat. 31 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

EARLY SCARLET TURNIP. Quite early, small, round Radish with rich dark scarlet skin. 27 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.

Best Winter Radishes

White Chinese Winter or NEW CELESTIAL. Large Radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition a long time; mild in flavor; brittle and never woody. 48 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

CHINESE ROSE WINTER. A very handsome and distinct bright rose variety, crisp and tender; cylindrical in shape, very smooth. Keeps through autumn and winter. 48 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

LONG BLACK SPANISH WINTER. Grows 7 to 8 inches long. Diameter about 1¼ inches. Skin black; flesh white and firm. 50 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lbs., 25 cts.; lb., 85 cts.

ROUND BLACK SPANISH WINTER. Similar to Long Black Spanish, except in shape. 50 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Romaine (Page 61) Rutabaga (Page 83)

From Spring To Late Fall

Calcium
Iron
Cal. lb. 100

Long Varieties

Cincinnati Market. **Best long red variety. Introduced by us in 1895** and has become deservedly popular. Grows straight and long, 6 to 7 inches; beautiful scarlet, very thin skin; flesh crisp, brittle and of delightful flavor. Top small, permitting close standing. 32 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.

Lady Finger or LONG WHITE VIENNA. Beautiful shape, with skin and flesh pure white, very crisp and tender. Rapid grower and long standing. Later than Long White Icicle. 36 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

Livingston's Pearl. A beautiful, pearly white, half stump-rooted variety of exceptional merit. It is very crisp and after having reached its best condition, remains in good shape for two weeks or more before becoming woody or showing signs of going to seed. We can heartily recommend this variety to home-gardeners. 29 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

White Icicle. **One of the very best white radishes for either home or market growing.** Has a delightful flavor; is very crisp and tender. Grows 4 to 5 inches long; straight, slightly stump-rooted and of transparent whiteness. Will stand a long time without becoming woody. We would suggest growing Icicle as a companion to Early Scarlet Globe round radish for combination servings. (See colored illustration, inside back cover.) 29 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

WHITE ICICLE. **Special Short Top** for muck soil. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

IMPROVED CHARTIER. A clear rose-colored, long Radish, shading into pure waxy white at the tips; attains large size; grows fast. 35 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.

WHITE DELICIOUS. Of distinct half-long form, tapering to a point. They grow to good size, are of handsome appearance, and the pure white flesh is crisp, solid, and of mild flavor. A good summer variety. 30 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

GIANT WHITE STUTTGART. Large, top-shaped sort with flesh and skin white, firm and brittle. Can be stored for winter the same as turnips. 48 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

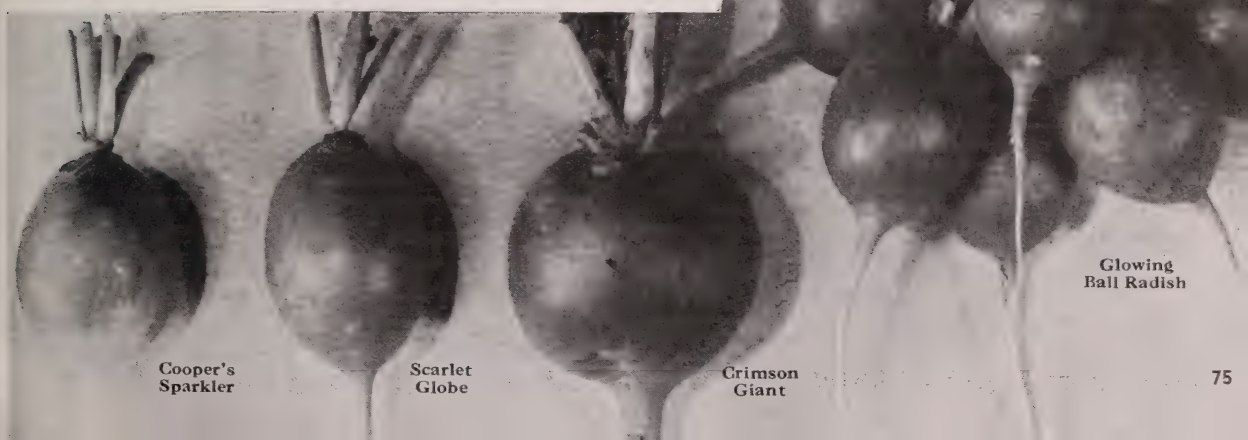
FRENCH BREAKFAST. Oval, scarlet sort, tipped with white; mild and tender. 25 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

WHITE STRASBURG. Handsome, oblong tapered Radish with pure white skin and flesh, firm, brittle, and crisp. Excellent for summer use as it withstands heat. 41 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

Our All-Season Mixture

Contains all shades and shapes—red, white, pink, variegated; round, half-long and long—in great variety. Just fine for small gardens, where space is limited, and where you want to make a garden and be done with it. One sowing does for the whole season. Large pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.

See the inside back cover page for
"OUR GREAT DOLLAR COLLECTION OF 'TRUE BLUE' VEGETABLE SEEDS"



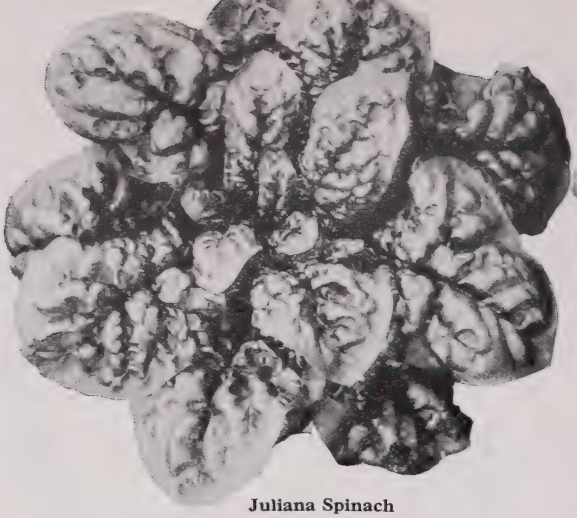
White Icicle Radish

Glowing Ball Radish

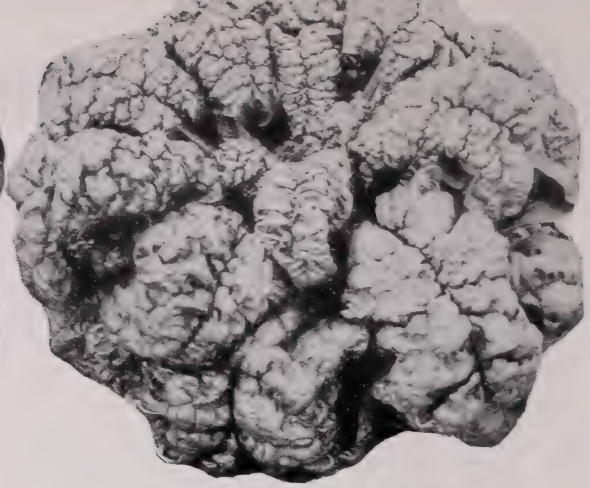
Cooper's Sparkler

Scarlet Globe

Crimson Giant



Juliana Spinach



Bloomsdale Savoy Reselected Spinach

Vitamins
A, b, c, G

Spinach

IRON
Cal. lb., 110

Juliana. **Best second-early variety.** Same type as Victoria, but very slow to run to seed. Dark green crumpled leaves, rounded and thick, and short leaf-stems. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

New Zealand. **Cut and come again variety.** Branching plants; thick, succulent leaves. Thrives during hot weather and in any soil. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Special Summer Savoy. *New.* A Bloomsdale type especially adapted to hot summer growing. Heavier crumpled and blistered, darker green and longer standing than Long Standing Bloomsdale. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

King of Denmark. **The New Evergreen Spinach.** It is fit for use in thirty days from time of sowing, and remains in good condition fully two weeks after other varieties. Beautifully crumpled, dark green, thick leaves. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Nobel. **(Big Crop).** The best of the so-called "smooth-leaved" sorts. Large mass of rather smooth, very thick, rounded leaves of enormous size. It stands very long before bolting. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

IMPROVED THICK LEAF (Viroflay). Good for fall or spring sowing. Has heavy, broad, dark green, curled leaves. Inclined to shoot to seed early. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.

PRICKLY-SEEDED WINTER. Triangular, oblong, or arrow-shaped leaves. Seed prickly. Hardiest of all, therefore best for fall sowing where winters are severe. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 35 cts.

Swiss Chard or Spinach Beet

Culture—A peculiar variety of Beet. The leaves only are used as greens and the leaf-stalks or midribs may be cooked like Asparagus. Sow seed 1 to 2 inches deep in April or May in drills 12 to 18 inches apart, and thin to 8 to 10 inches apart in the row.

Fordhook Giant. Leaves broad, upright in growth, very dark green, savoyed, with broad white midrib. This variety, on account of its giant size and pleasing deep green color, will probably supersede other sorts. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

Lucullus. An improved variety, yielding an enormous crop of delicious "greens." The plants grow 2 feet tall and consist of about a dozen creamy white, beautifully curled leaves. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Culture—Will succeed in any ordinary soil, but rich soil promotes better growth and makes leaves more tender and succulent. Can be grown as a spring or summer crop, but seed will not germinate in extreme dry weather. Sow in April in rows 12 to 15 inches apart, covering seed 1 inch deep, and thin to 2 to 3 inches apart. For fall crop sow about August first, and for wintering over, about September first, and cover lightly with straw or other litter at approach of cold weather.

One ounce of seed will sow 50 feet of drill; 12 to 15 pounds will plant an acre

Bloomsdale Savoy Reselected. A new selection from Bloomsdale Long-Standing (below), which has the completely crumpled and blistered leaves and long standing qualities, but in which the male plants have been eliminated, preventing it shooting to seed so early. Pkt., 5 cts.; oz.. 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Bloomsdale Savoy Long-Standing. A new strain of merit. It is just as early as the old-type Bloomsdale, but stands in marketable condition ten to fourteen days longer. Intensely crumpled, blistered, uniform, deep glossy green leaves. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Virginia Blight-Resistant Savoy. Fine for fall planting, about August 15, but tends to go to seed when grown as spring crop. Type, same as Bloomsdale but darker. Valuable where blight is prevalent. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

OLD DOMINION. A blight-resistant variety, in type and quality the same as Virginia blight-resistant, but has longer standing qualities; therefore can be sown in July for early fall crops and in September for early spring crop, as it winters well. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Sunflower

MAMMOTH RUSSIAN. Gigantic growth; heavy foliage, which is sometimes mixed with corn as ensilage; large flower heads, filled with seed. Use 10 to 12 pounds of seed to the acre. Pkt., 5 cts.; ¼ lb., 15 cts.; lb., 25 cts.; 5 lbs., 75 cts.

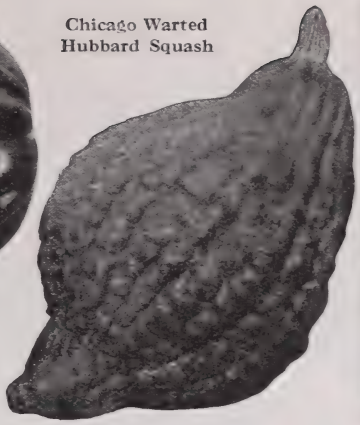
Special "Greens" Collection

TURNIP, Shogoin — SWISS CHARD, Lucullus
MUSTARD, Giant Curled — SPINACH, Juliana
1 Pkt. Each (Value 20 cts.), 15 cts.

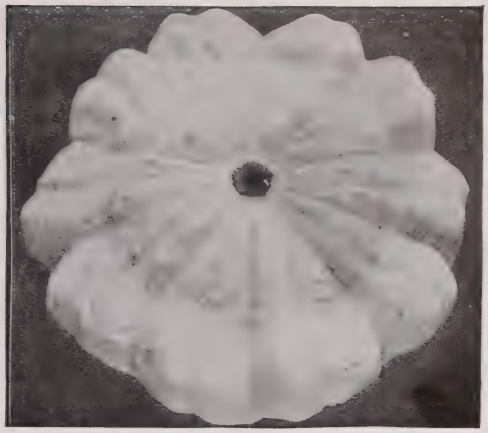
Savoy Cabbage (Page 51) Spawn, Mushroom (Page 60)

Acorn Squash

A dark green acorn-shaped variety of ideal size for serving one-half to a person. Makes a delicious dish when baked. Orange colored flesh; fine-grained.



Chicago Warted Hubbard Squash



White Bush Scallop Squash

Vitamins
a

Squash

Cal. lb. 85

Culture—Plant after weather has become fully settled and the ground is warm and dry, in hills 5 to 6 feet apart for bush varieties, and 6 to 8 feet apart for running varieties. Hills should be thoroughly manured. Slightly elevate the hills and place seven or eight seeds in each, finally leaving but three of the strongest plants. Press the seeds down firmly before covering, and cover early planted ones 1 inch deep, and late ones 1½ inches.

One ounce of seed makes 40 hills, 3 to 4 pounds to an acre

Fall and Winter Varieties

Acorn. **(Table Queen.)** Averages about 6 inches long by 4 inches wide, just right to serve one-half to a person. Color is a dark green, except when over-ripe, when it changes to buff; flesh is orange color and fine-grained. 75 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Livingston's Improved Cushaw. Crookneck sort, mottled green and white striped. Flesh yellow, solid, fine-grained and very sweet. 75 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Blue Hubbard. Large variety having a hard blue-gray shell. Long-keeping; good quality. 95 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

Chicago Warted Hubbard. Large size; dark green color; a dense covering of knots indicates splendid quality; thick yellow flesh. 100 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

LIVINGSTON'S PIE. Size, 8 to 10 inches in diameter; skin colored similar to the Golden Russet Apple; thick, yellow flesh. 90 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

GOLDEN or RED HUBBARD. Skin bright, rich orange-red; shell hard and warty; flesh deep golden yellow, fine-grained, cooks dry. 100 days. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

HUBBARD. Color bluish green. Flesh rich orange-yellow, fine-grained, sweet; long keeper. 100 days. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

BOSTON MARROW. 90 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

GREGORY'S DELICIOUS. 80 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb. $1.40.

Summer Varieties

Early White Bush. **(Patty-Pan).** Flat saucer-shaped fruits; scalloped edges; 6 to 8 inches in diameter; ready for use very early. Should be eaten when young and tender. 50 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

Giant Golden Summer Crookneck. **The largest and best of all Summer Crookneck Squashes.** It is of dwarf, bushy habit and very productive, bearing early and all summer. The fruits are rich golden yellow, thickly warted. 58 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

GIANT GOLDEN STRAIGHTNECK. Same as above except has a straight neck. Ideal for packs. 58 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.35.

FORDHOOK. Fruits of convenient small size for family use with thick, dry, sweet flesh, thin skin, and small seed cavity. Matures early; immensely productive. Used as a summer sort or stored for winter. 60 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

MAMMOTH WHITE BUSH SCALLOP. Excellent large strain, 10 to 12 inches in diameter, and creamy white. 60 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.15.

MAMMOTH YELLOW BUSH SCALLOP (Golden Custard). Deep orange in color, 8 to 10 inches in diameter. For early summer use. 60 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.

Italian Summer Squash

ZUCCHINI. A delicious light colored Italian variety. Should be used when about 5 to 6 inches long. Quarter lengthwise and serve same as Asparagus. 55 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.35.

COCOZELLE. Oblong, 12 to 16 inches in length and 5 inches in diameter, slightly ribbed; color marbled yellow and dark green stripes. 60 days. Pkt., 5 cts.; ½ oz., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.40.

Livingston's Squash Mixture

One sowing produces Squashes all season.
Large pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c.

Salsify or Oyster Plant

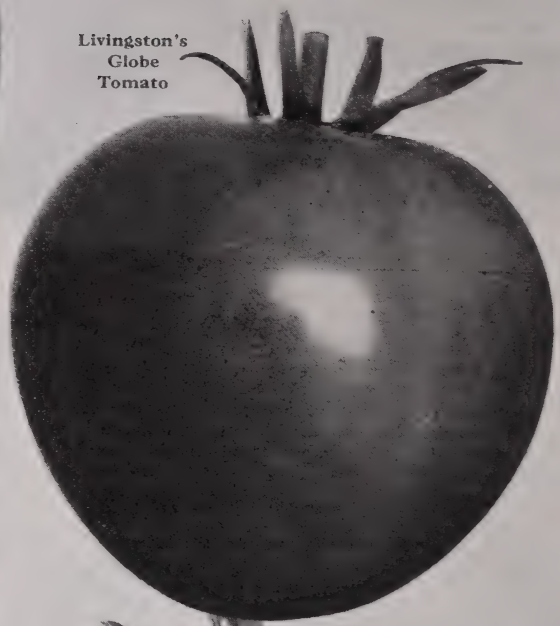
Culture—Good substitute for oysters. Sow early, in rows 1½ feet apart, and cover firmly 1 inch deep; thin to 3 inches apart in the rows. Will stand winter weather.

One oz. will sow 50 feet of drill; 8 lbs. will plant an acre

MAMMOTH SANDWICH ISLAND. Mammoth size and very uniform. Mild and delicious in flavor. 140 days. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

Livingston's High

Livingston's Stone Tomato



Livingston's Globe Tomato

Livingston's Beauty Tomato

Livingston's Rosy Morn Tomato

Livingston's Giant Oxheart Tomato

Five Livingston Tomato Introductions

More Popular Than All Others Combined. Listed in Catalogs More Often Than Any 5 Other Varieties.

We introduced the first modern tomato, the "Paragon," in 1870. Since that time we have bred and introduced 34 varieties. The seeds of all of our own introductions are grown by us from select stock and offered for sale under our "True Blue" seal, the sign of highest quality in Tomato seeds. For best results buy your seed from the original source.

STONE (1889). See page 80. GLOBE (1905). See page 81
BEAUTY (1886). See page 81 and back cover
ROSY MORN (1923). See page 81
GIANT OXHEART (1925). See page 82

Quality Tomatoes

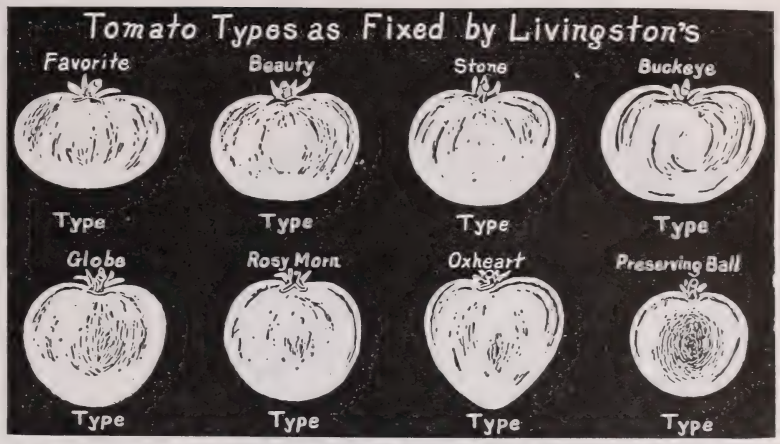
Grown By Critical Gardeners Known All Over The World

Vitamins a b C g
Iron, Cal. lb. 105

Souring Method Is Used in Harvesting Our Tomato Seed

Tomato Types

The Livingston Seed Co. introduced the first modern tomato, "The Paragon," in 1870. Since that time more than 30 other varieties have been developed and introduced by us. This supremacy in Tomatoes has enabled us to rather definitely fix and define types. Practically every tomato in cultivation today comes under one of the types as illustrated here. To better assist you in determining tomato shapes, we are designating under each variety offered, which type it is.



Tomato Culture

In this locality, for very early fruit, the seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and ½ inch deep. Later sowings may be made until the last of April. You can approximate your sowing date from this according to your location. (Sufficient plants for a small garden can be started by sowing a few seeds in a shallow box or flower-pot and placing in a sunny window in the house.) When the young plants are about 2 inches high, they should be set 4 to 5 inches apart in another hotbed or coldframe, or transplanted into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden them for planting out. Water freely at the time of transplanting in the open ground and shelter from the sun a few days until the plants are thoroughly established. Cultivate as long as the vines will permit, but the last two or three workings of the soil should be very shallow. The use of fertilizer, high in potash, makes tomatoes more solid and tends to keep them from cracking.

Tomatoes grow splendidly trained to stakes or trellises. The fruits are of better quality and appearance and ripen earlier. This method is common with market gardeners and is practiced by private gardeners where neatness and conservation of space is desired. The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with wool or other strong, soft twine, and pruning quite freely as the vine advances in growth. By this method plants may be set much closer than in the ordinary way. Ask for Tomato Booklet, giving more detailed instructions. **About 2,000 plants will be produced from one ounce of seed. 4 ounces will plant an acre. Maturities given are from the time plants are placed in the garden to first ripe fruits.**

Livingston's Red Tomatoes

The Pritchard. **(Wilt-resistant). (Globe Type).** Developed by the late Dr. Fred J. Pritchard, a cross between Marglobe and Cooper's Special; inherits the good qualities of the well known Marglobe and its self-topping characteristics from Cooper's. Fruits are of medium size, solid, and slightly globular. The color is scarlet with dark red interior. Vines are short and branching, with fruit clusters of about 5 each. Good rich soil adds to its productiveness. 60 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.60; lb., $5.00.

Greater Baltimore. **(Favorite Type).** A heavy, firm, thick meated, midseason, red variety. Ripens evenly; free from cracks and ridges. Canning sort. 63 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $3.75.

Livingston's Paragon. **(Stone Type).** *Introduced by us in* 1870. The first perfectly smooth, deep red Tomato offered by us. A heavy yielder, ripening medium early. The fruits are of large size. Flesh is solid, of superior quality and bright rich red. 65 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

JOHN BAER. **(Rosy Morn Type).** Extra-early red. Fruits are large, nearly round, smooth and of good quality. Quite productive. 60 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35.

BURBANK. **(Favorite Type).** Very early red. Similar to Earliana in size and shape, but smoother. Quite productive. 55 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.55; lb.,$4.75.

Bonny Best. **(Rosy Morn Type).** Good red for greenhouses. Is of medium size, bright scarlet, always smooth, and of uniform size and shape. A splendid sort to follow Earliana in the open field. 57 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

New Wilt-resistant Pritchard Tomato

Livingston's Red Tomatoes—Continued

New Break-O-Day Tomato

Try Break-O-Day This Season

Break-O-Day. **(Globe Type.) Wilt-resistant.** The new Pritchard hybrid developed from Marglobe and Marvana, having their disease resistant qualities. Resembles Marglobe in shape and size, but not so productive. Has vines of open habit like Marvana. Matures early, being next to Earliana in this respect. Fruits are solid, meaty and have a beautiful scarlet color. 58 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $4.50.

Earliana. **(Favorite Type.)** The plants are compact in growth, with short, close-jointed branches, setting fruits very early. Fruits are bright red, of uniform medium size, fleshy, solid and smooth. 55 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $3.75.

Livingston's Coreless. **(Globe Type.)** *Introduced by us in* 1908. The depression at the stem end has been almost eliminated. Immensely productive. A good slicing variety, the seed-cells being surrounded by bright ed, meaty and delicious flesh. Late variety. 78 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

Redhead. **(Rosy Morn Type.)** A second-early, meaty, deep red variety of good size and shape. Smooth, productive, uniform and nearly free from cracks. 62 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $3.75.

Chalk's Early Jewel. **(Beauty Type.)** Of large size. Flesh thick, bright scarlet, solid. One of the largest cropping varieties. 63 days. Pkt., 5 cts; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $3.75.

Livingston's Ideal. **(Globe Type.)** *Introduced by us in* 1930. May properly be termed "A Red Globe." Has strong, healthy plants that show no signs of blight. Globe shaped fruits of medium size; bright scarlet; firm flesh. Fruit clusters are set closely on stalk, making increased yield under glass. 63 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.60; lb., $5.00.

Livingston's Ohio Red. *Introduced by us in* 1929. Entirely new elongated type, frequently having a slight point at blossom end. Second-early. 65 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

Livingston's Stone

Introduced by us in 1889 (Stone Type)
Greatest for Canning, Tomato Juice, Catsup and Chili Sauce Making

A large, bright scarlet red, heavy yielding, good keeping, main-crop variety. Skin perfectly smooth; flesh solid and fine flavored; seed cells few and small. After cooking, its thick, solid juicy flesh has a rich, bright red color and a delicious, appetizing flavor. For tomato juice packing there is none better. Even ripening, solidity and productiveness are its economy features. After 45 years it is still recognized as the best in its class. See illustrations on page 78 and inside back cover. 76 days. Order from us for the original. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

Norton. **(Stone Type.)** A Wilt-resistant Stone. Similar in growth, color, and season. Valuable for the South, or in wilt sections. 76 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $3.75.

Livingston's Dwarf Stone. **(Stone Type.)** *Introduced by us in* 1902. Fruits are nearly as large as Stone but plants are more dwarf, permitting close planting. (1½ to 2 ft. apart.) Productive. 65 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.45; lb., $4.25.

HANSING'S IMPROVED WILT-RESISTANT MARVEL. **(Favorite Type.)** Early bright red of medium size. Similar to Bonny Best in shape but slightly more flat. Fruits are produced in clusters about 6 inches apart on vigorous growing vine. 60 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.65; lb., $5.25.

Marglobe

WILT AND NAILHEAD RUST-RESISTANT **(Globe Type.)** Has made a wonderful record in sections where above diseases prevail. Produced by crossing Livingston's Globe with other varieties and after several years' selection was offered in 1926. Vigorous grower in both greenhouse and field; bright red, quite early, large size, almost round and very productive. We grow the seed we offer from select planting stock supplied by originator. Main crop variety. 60 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50; lb., $4.50.

Marglobe Tomato

Wilt and Nailhead Rust-Resistant

Livingston's Pink Tomatoes

Livingston's Beauty

Introduced by us in 1886 (Beauty Type)

Greatest Purple-Colored Home-Garden and Home-Market Variety

Although introduced 50 years ago, Beauty is still our most popular purple Tomato. Fruits are large, smooth, rather flattened with thick, firm flesh of excellent flavor; small seed-cells and few seeds; so small a core that it could be termed "coreless." Excellent for slicing and salads. See the true to nature full color reproduction on back cover which tells the story easier than words. Fine home market variety. Can be picked green; ripens up nicely and keeps in perfect condition for a long time. Main-crop variety. 70 days. Seed grown by us. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

Livingston's Globe Tomato

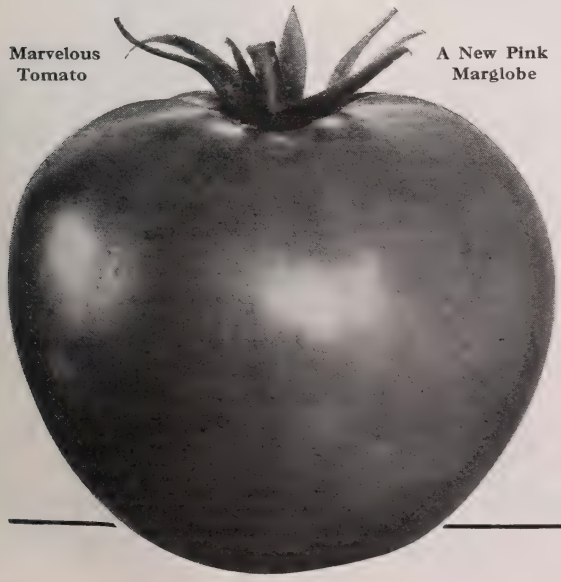
Introduced by us in 1905 (Globe Type)

We feel quite safe in saying that no Tomato ever introduced has been so valuable to the southern growers and shippers as Livingston's Globe.

As a greenhouse sort, it is not excelled by any other pink variety and it is one of the best for the home-garden. It comes into bearing early and keeps on bearing almost until frost. Fruits are large and smooth with firm flesh that ripens evenly; color, a fine glossy rose, tinged with purple. Quality good, being mild, pleasant and of delicious flavor. Almost blight-proof. Main crop variety. 65 days. **Genuine Livingston-grown seed.** Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.45; lb., $4.25.

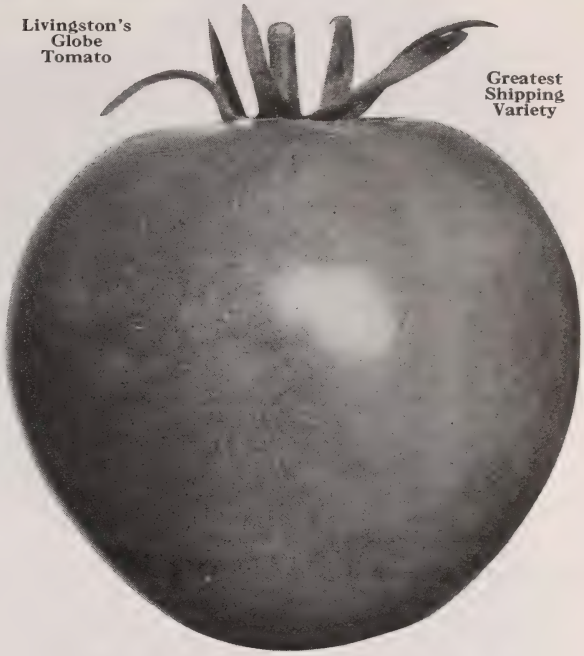
Livingston's Rosy Morn. **(Rosy Morn Type).** *Introduced by us in 1923.* A bright rosy pink variety. Smooth, solid fruits; ripens evenly; surprisingly free from cracks about the stem; mild and delicious flavor. Vigorous grower; heavy yielder. Illustrated on page 78. 69 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

Marvelous. **(Marhio). A New Pink Marglobe. (Globe Type).** If you like a pink skinned tomato but have experienced trouble growing it because of wilt, try this new wilt-resistant variety. Fruits are large, glossy rose in color, surprisingly free from cracks and of best quality. A vigorous grower and heavy cropper. Requiring high temperatures, it has proven to be an excellent fall forcing variety. Also good for outside as it is free from cracks. 62 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.60; lb., $5.00.



Marvelous Tomato

A New Pink Marglobe



Livingston's Globe Tomato

Greatest Shipping Variety

Gulf State Market. **(Globe Type).** A medium-sized, early, purple sort. Ripens same time as Livingston's Globe, but averages smaller. Quite popular in southern sections. 65 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.15; lb., $3.50.

June Pink. **A Pink Earliana. (Favorite Type).** Ripens as early as Earliana. A prolific bearer, clusters of six to eight fruits being borne close to the main stem, a large percentage being produced very early. 55 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

Cooper's Special. **(Globe Type).** Same color as Livingston's Globe but smaller. Vines are short and fruits set in clusters of 4 to 5. Florida growers term it a self-topper. Second-early, 63 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $3.85.

Early Detroit. **(Globe Type).** A very productive pink sort, of uniform size but not as early as name indicates. Fruit large and smooth, and of excellent quality. Vines vigorous and productive. 71 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

Livingston's Improved Dwarf Champion. **(Beauty Type).** Medium-sized fruit produced in clusters of three to five. Beautiful glossy purple, firm, solid. Main crop variety. 63 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.45; lb., $4.25.

LIVINGSTON'S MAGNUS. (Beauty Type). *Introduced by us in* 1900. Large purple-skinned fruits quite deep through from stem to blossom-end. Heavy cropper. Has broad-potato-leaf foliage which prevents sunburn. Second early variety. 62 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25; lb., $3.75.

LIVINGSTON'S ACME. (Beauty Type). *Introduced by us in* 1875. The first perfectly smooth, medium-sized purple or pink Tomato introduced. It is a uniform, early, prolific sort, free from cracks. Quality fine. 62 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.15; lb., $3.50.

Livingston's Big Tomatoes

Ponderosa Tomato

Ponderosa

(Buckeye Type.) The pink fruits ripen quite early, are very solid, almost seedless, of good subacid flavor, and of immense size, frequently weighing more than two pounds. It is now producing a much smoother fruit than when first introduced. Splendid slicer. Bears well until very late. Late variety. 84 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.75; lb., $5.75.

Livingston's Buckeye State

Introduced by us in 1893 (Buckeye Type)

Its extra large fruits are borne in clusters of three to six, and have a smooth skin of purple color. The fruit is very meaty, solid, and the flesh is of most desirable quality. We have been successful in eliminating the roughness so common to large-fruited sorts. Late variety. 80 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.35; lb., $4.00.

Crimson Cushion (Beefsteak or Red Ponderosa). **(Buckeye Type.)** An extremely large, bright red variety that ripens evenly and is of good quality. A good companion to the Colossal. Main crop variety. 84 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.80; lb., $6.00.

Colossal. **(Buckeye Type.)** A strain of Ponderosa that exceeds it in average size and smoothness. A slice of this enormous-fruited sort looks like a piece of beefsteak. The fruit has purple or pink skin and many are quite smooth. Main crop variety 84 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.75; lb.. $5.75.

Livingston's Giant Oxheart Tomatoes

The Big Tomato Everybody is Talking About

Truly the giant of them all. Different from any Tomato you have ever grown in shape, size or in flavor. Three pound specimens are quite common; one customer sent us a single fruit that weighed five pounds. Very popular with home gardeners and brings fancy prices in city and roadside markets.

Livingston's Giant Oxheart

Introduced by us in 1925 (Oxheart Type).

This attractive pink skinned variety was the original introduction. It is exceedingly smooth and tender and almost seedless; frequently showing 2 inches thick without a seed cavity. It has that delicious mild flavor that every lover of this fruit likes so well. Its attractive shape, large size and excellent table qualities has brought it into deserved popularity with all who have grown it. Rich soil adds greatly to its productiveness. Late variety. Illustrated on page 78. 87 days. **Selected seed, grown by us.** Pkt., 10 cts.; ¼ oz., 30 cts.; ½ oz., 55 cts.; oz., 85 cts.; ¼ lb., $2.50.

Livingston's New Yellow Oxheart

Introduced by us in 1929 (Oxheart Type).

A new variety of our Oxheart-type Tomato. All our customers who are familiar with Livingston's Oxheart, and who did not try this new yellow one last season, should give it a trial this year. It is of the same shape as the original, but the skin and flesh are a rich shade of yellow. A platter of slices of the Yellow Oxheart, mixed with slices of the original Pink Oxheart, makes an appetizing dish. Try it. Illustrated on page 78. 85 days. Pkt., 10 cts.; ¼ oz., 35 cts.; ½ oz., 55 cts.; oz., 90 cts.; ¼ lb., $2.75.

Yellow Tomatoes

Livingston's Golden Queen

Introduced by us in 1882 (Beauty Type).

Of superior flavor, solid, always smooth, large, ripens early. Rich golden yellow skin with a tinge of pink on the blossom end. Fine for slicing. 78 days. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.25.

Golden Ponderosa

(Buckeye Type.) Golden Ponderosa equals Ponderosa in size, shape, and quality, but it is a golden yellow in color. In other words it is, as the name indicates, a yellow-fleshed Ponderosa. 82 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35 cts.; oz., 55 cts.; ¼ lb., $1.75.

Livingston's Gold Ball

Introduced by us in 1892

(Ball Type.) Beautiful canary-yellow fruits about 1½ inches in diameter, borne in clusters. Flesh thick and of fine quality. Fine for preserves. 65 days. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

Odd Tomatoes

YELLOW PEACH. Resembles peaches closely in size, shape, and general appearance. Color light yellow. Pkt., 5 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.

GOLDEN HUSK or WINTER CHERRY. Unequaled for making preserves and pies. Has a golden color, strawberry flavor, very productive. Fruit is size of large cherries. Pkt., 5 cts.; ¼ oz., 20 cts.; ½ oz., 35c.

Small Tomatoes

Excellent for Preserves, Pickles, and Pies

	Pkt.		Pkt.
Red Currant	$0.05	Yellow Pear	$0.05
Red Cherry	.05	Yellow Plum	.05
Yellow Cherry	.05	Mixed Small Sorts	.05
Red Pear	.05	Any above: ¼ oz.	.10

Turnip-rooted Cabbage (Page 59)

Vitamins a b c g

Turnips

Cal. lb. 155

Culture.—Turnips serve the double purpose of summer greens and useful roots. Early varieties should be planted as soon as the ground is dry in April. Sowings of these and other later ones can be made as late as August or September. Early sowing should be in rows 12 to 15 inches apart, covering seed ½ inch and thinning to 3 to 4 inches apart in the row. Cultivate often and thoroughly. Late sowing can be broadcast rather than sown in rows.

One ounce of seed will sow 100 feet of drill;
One to two pounds will plant an acre

Extra-Early Purple-Top Milan. **Earliest variety grown.** Roots are flat and an attractive purple-red on the upper portion. Tops small and upright and are therefore well adapted for forcing. Their quality is fine. Very smooth and almost transparent skin. 47 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 95 cts.

EXTRA-EARLY WHITE MILAN. Same as Purple-Top Milan except in color. 47 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 95 cts.

Purple-Top Strap-Leaf. Comes next to Purple-Top Globe in popularity. An early variety, very extensively used for the table. Leaves are few and upright in growth. Roots flat, of medium size, purple or dark red above ground, white below; flesh white, fine-grained, and tender. 56 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.; 5 lbs., $3.00.

Japanese Shogoin. It is the best combination variety for both bulbous roots and Tops for "greens" we have yet seen. The roots are white, semi-globe shaped, very sweet and mild. The tops or leaves are large, thick, juicy and stand erect. This variety is louse resistant and thrives even in the hottest dry weather. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.

Seven Top. Cultivated extensively for the tops, which are used as greens. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 55 cts.

GOLDEN BALL or Orange Jelly. Rapid grower; globe-shaped; bright yellow. Best yellow sort for table use. 60 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

EARLY SNOWBALL. Medium-sized round Turnip; pure white; very fine flavor; flesh is fine-grained. One of the best. 54 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.

YELLOW OR AMBER GLOBE. Sweet; large; fine for table or stock. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.

Purple Top White Globe Turnip

Purple-Top White Globe. **Most popular main-crop Turnip.** Roots are large, purple or dark red above ground, white below and when in best condition for the table, are about 3 inches in diameter. Flesh white, fine-grained, and tender. Popular for market and home garden use. 56 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.; 5 lbs., $3.25.

Long White or COW-HORN. Long, slightly crooked; 70 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Early White Egg. White flesh, firm, fine-grained, mild and sweet. 49 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.

EARLY WHITE FLAT DUTCH. 47 days. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

Improved American Purple Top Rutabaga

Vitamins b C

Rutabaga

Cal. lb. 185

(Swedish or Russian Turnip)

Rutabagas are more especially adapted to northern sections. They require a longer season for maturing, hence should be sown earlier than late turnips, or about June 15. Make rows 18 inches apart, cover seed 1 inch and thin to 6 inches in the row. Maturity 90 days.

Improved American Purple-Top. One of the best and heaviest cropping sorts. It is of globe shape with a rich purple top and light yellow below the ground. The quality is fine; very tender, and not stringy. Valuable table variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

LARGE WHITE RUSSIAN. An excellent keeper and very desirable either for the table or for stock; roots very large, somewhat top-shaped; color white with a shade of green at the top. Flesh white. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 70 cts.

Feeny Dust Guns

One of the best Dusters we have ever sold. Easy and clean to use. The dust-cloud starts the instant you push the handle forward, and it may be regulated from a mere "haze" to a cloud of large size and force by the stroke you give it. This Gun is ideal for applying all powder insecticides and fungicides.

Model D. Holds 2 quarts powder. Shipping weight, 4 lbs. $2.75 each, postpaid.

Model BX. Holds about a pint. Equipped with extension tube and two flared nozzles. $1.25, postpaid.

THE LIVINGSTON SEED CO.

32 East Spring St. . . . *Seedsmen Since 1850* . . . Columbus, Ohio

NOTE: Planting dates given are for the vicinity of Columbus, Ohio or the 40th latitude. Allow about 3 days difference for every 50 miles of latitude; South, earlier; North, later.

VEGETABLE PLANTING TABLE

Name of Vegetable	Time to Plant in Window Box or Bed	Time to Plant in Open	Seeds or Plants for 100 foot Row	Seeds or Plants for Acre	Days until ready to use	Dist. apart in row in inches	Depth plt'g in inches	Rows Apart Hand Cultivation	Rows Apart Horse Cultivation
Asparagus Seed.		Apr. 1 to 15	2 oz.	4 to 5 lbs.	3 to 4 yrs.		1 to 2	18 to 24	30 to 36
Asparagus Plants,		April	75 plants	7,300	2 yrs from 2-yr. plts.	18	8	24 to 36	36 to 48
Bush Lima Beans,	Apr. 25 in pots	May 15 to June 20	1 pound	1½ bushels	65 to 100	6-10	1	30	30 to 36
Pole Lima Beans,	Apr. 25 in Pots	May 15 to June 30	½ pound	½ to ¾ bu	75 to 120	24-36	2	30 to 36	36 to 48
Bush Beans,		May 10 to Aug. 5	1 pound	1½ bushels	45 to 75	3-4	2	24 to 30	30 to 36
Pole or Corn Beans.		May 15 to July 20	½ pound	20 to 40 lbs	65 to 110	18-24	2	30 to 36	30 to 36
Beets, Table	March	April to August	2 oz.	4 to 6 pounds	60 to 70	2-3	½	12 to 15	30 to 36
Beets, Stock,		April to July	1 oz.	3 to 4 pounds	70 to 80	8-10	1 to 2	15 to 18	30 to 36
Broccoli,	March to May	April to July	75 plants	8 to 10,000 plts	85 to 140	18-30	½	30 to 48	30 to 48
Brussels Sprouts,	March	April	100 plants	12,500 plants	120 to 130	12-18	½	30	30 to 36
Early Cabbage Seed,	Feb.-March		¼ oz.	¾ to 1 pound	110 to 130		½	30	
Late Cabbage Seed,	Apr. 20-May 20	May 5 to June 1	¼ oz.	¾ to 1 pound	130 to 140		½		
Cabbage Plants,		April 1 to July 20	75 to 80 plts	8 to 10,000 plts	90 to 100	14-18		30 to 36	30 to 36
Cauliflower,	Feb., Mar., June	April to July	75 plants	8 to 10,000 plts	85 to 140	18-24	½	30 to 36	30 to 36
Carrots,	March	April to July	1 oz.	3 to 5 pounds	65 to 120	2-3	½	12 to 15	30 to 36
Celery Seed,	March	April 1 to May 10	¼ oz.	10 to 12 ozs.	125 to 150		1-8	12 to 30	36 to 42
Celery Plants,		May to August	150 to 200	20 to 40,000	60 to 100	6-8		12 to 30	36 to 42
Celeriac,	April to May	May to June	150 to 200	20 to 40,000	120 to 150	6-8	1-8	18	30 to 36
Corn, Sweet,		May 10 to July 10	¼ lb.	10 to 16 lbs.	65 to 110	14-36	1 to 2	30 to 36	36 to 42
Corn Salad,		May 1 to Sept. 1	1 oz.	6 to 10 pounds	60 to 85	1-2	½	12 to 15	
Cress,		April	1 oz.	2 to 3 pounds	35 to 50	4-8	½	15	
Cucumbers,	April in Pots	May 15 to July	½ oz.	2 to 3 pounds	60 to 85	48-72	½-1	48	48 to 72.
Cucumbers, Pickle.		June, July	½ oz.	2 to 3 pounds	55 to 80	48-72	½-1	48	48 to 72
Dandelion,		April to August	1 oz.	3 to 4 pounds	60 to 80	4-8	½	15 to 18	30
Egg Plant,	March	Plants May 20	50 plants	7,000 plants	120 to 160	18-24	¼	30	36 to 42
Endive,	March	April to Aug.	1 oz. seed	3 lbs. 40,000 pl.	75 to 100	8-10	½	12 to 15	
Garlic Sets,		April	3 pounds	4 to 5 bushels	180 to 210	4-6	1	12 to 18	
Horse Radish,		April	75-100 sets	12 to 15,000	180 to 210	12-18		30 to 36	30 to 36
Herbs,		April, May	½ to 1 oz.	)		6-18	½	15 to 18	30 to 36
Kale,		Apr., Aug., Sept.	1 oz.	1 to 2 pounds	60 to 70	2-4	½	15 to 18	30 to 36
Kohlrabi,	March	April to July	½ oz.	4 lbs., 25,000 pl.	66 to 85	6-8	½	15 to 18	30 to 36
Lettuce Seed, Loose	March to April	April to Sept.	½ oz.	3 pounds	65 to 100	2-4	¼	12 to 15	
Lettuce Seed, Head,	March to April	April to Aug.	½ oz.	2 to 3 pounds	70 to 110	12-15	¼	12 to 15	
Lettuce Plants,		April to Sept.	150 to 200	45 to 50,000	42 to 80			12 to 15	30 to 36
Leeks,		April	1 oz.	4 pounds	120 to 140	6-10	½	15 to 18	30 to 36
Melon, Musk,		May 15 to June 15	½ oz.	2 to 3 pounds	95 to 120	48-72	1 to 1½	48 to 72	48 to 72
Melon, Potted Plts,	April	May 20 to June 20	25 plants	1,500 to 2,000	65 to 85	48-72		48 to 72	48 to 72
Melon, Water,		May 20 to June 1	1 oz.	4 to 6 pounds	100 to 140	72-90	1 to 2	72 to 90	72 to 90
Mustard,		April to August	1 oz.	2 to 5 pounds	60 to 72	4-6	½	12 to 15	
Onion Seed, Sets,		April to May	6 oz.	50 to 60 lbs.	120 to 130		½ to 1	12 to 15	
Onion Seed, Large,	Mar. & Transp.	Early as Possible	1 oz.	4 pounds	90 to 130	2-3	½ to 1	12 to 15	
Onion Sets,		March to July	1 to 2 lbs.	6 to 12 bushels	40 to 60	2-3	1	12 to 15	
Winter Onions,		Aug., Sept.	1 to 2 lbs.	8 to 15 bushels	60 to 80	3	2 to 4	18 to 24	30 to 36
Okra,		May	1 oz.	4 to 6 pounds	120 to 150	18-24	½	24	30 to 36
Parsley,		April, May	½ oz.	2 to 3 pounds	70 to 100	3-6	¼	12 to 15	30
Parsnips,		March, April	½ oz.	4 to 5 pounds	130 to 160	5-12	½	12 to 15	30 to 36
Peas, Early		March, April	2 pounds	1 to 2 bushels	60 to 80	2	2 to 3	15 to 24	30 to 36
Peas, Late		April, May	2 pounds	1 to 2 bushels	75 to 90	2	2 to 3	15 to 36	30 to 36
Peppers,	Mar. 25 to May	Plants May 20	50 plants	7,000 plants	135 to 160	18-24	½	24 to 36	30 to 36
Pototoes, Irish		April to July	10 pounds	10 to 12 bu.	75 to 130	12-14	4	24 to 30	30 to 36
Potatoes, Sweet	Apr. 10 to May 1	May 15 to June	75-100 plts.	18,000 plants	120 to 140	12		30	30 to 36
Pumpkins,		May 20	1 oz., 15 h'ls	4 pounds	140 to 160	72-86	1	96	96
Radish,	March	April to Sept	1 oz	6 to 10 pounds	25 to 50	2-3	½	12 to 15	
Radish, for Winter,		Aug., Sept	1 oz.	5 to 6 pounds	40 to 60	2-6	1	12 to 15	30
Rutabaga,		July, Aug.	1 oz.	1 to 3 pounds	75 to 80	3-6	1	12 to 15	30 to 36
Rhubarb Roots,		April and Oct	30 plants	3,650 plants	2 years	36-40	cr'ns 3	36 to 48	48
Salsify,		April	½ oz.	4 to 6 pounds	125 to 160	3-5	1	12 to 15	30 to 36
Spinach,		Apr., Aug. & Sept.	2 oz.	10 to 20 lbs.	60 to 75	2-3	1	12 to 15	
Swiss Chard,	March	April to July	1 oz.	4 to 5 pounds	60 to 75	8-10	1 to 2	12 to 18	30 to 36
Squash, Bush,		May 20	1 oz., 40 h'ls	4 to 5 pounds	60 to 120	48	1 to 2	48 to 72	48 to 72
Squash, Vining,		May 20	1 oz., 40 h'ls	3 to 4 pounds	75 to 140	96	1 to 2	72 to 96	96
Tomato Seeds,	Mar. to April	May, June	1 pkt.	¼ pound	90 to 140		½		
Tomato Plants,		May 10 to July 10	30 to 40	Staked 3,650 to 5,000 Flat 2,800	60 to 90	24-48		24 to 48	36 to 48
Turnips,		Apr., Aug., Sept.	1 oz.	1 to 2 pounds	50 to 75	3-4	½	12 to 15	
Strawberry Plants,		Apr. May Aug. Sept.	75 plants	5 to 8,000	8 to 14 mo.	14-18		30 to 48	36 to 48

COMPLETE CULTURAL DIRECTIONS ARE ALSO GIVEN UNDER EACH VEGETABLE HEADING

THE LIVINGSTON SEED COMPANY

LIVINGSTON'S
SPRAYING AND DUSTING CALENDAR

A Home-Gardener's Summer Schedule For Most All Flowers, Vegetables, Shrubs, Etc.

CROPS	PEST	METHOD	WHEN TO APPLY	WHAT TO USE	HOW TO MIX AND APPLY
Shrubs **Ornamentals** **Trees** **Roses** **Etc.** **Flowers** Aster Calendula Dahlia Delphinium Foxglove Gladiolus Hollyhock Nasturtium Pansy Petunia Snapdragon Sweet Pea Zinnia and most others.	**Chewing Insects** All those that destroy foliage.	Dusting.	When pests first appear. Repeat as necessary.	Slug Shot Dust.	Follow directions on package.
		Spraying.	Same as above.	Pyrox. Red Arrow. Liquid Slug Shot.	Follow directions on packages.
	Sucking Insects All those that suck the sap, causing plant to dry up.	Dusting	When insects appear.	Nicotine Pomo-Green.	Follow directions on package.
		Spraying.	When insects appear. Repeat as necessary.	Red Arrow. Liquid Slug Shot. Black Leaf 40. Thrip Juice.	Follow directions on packages.
	Combination for chewing and sucking insects.	Dusting.	When insects appear.	Rotenone Dust.	Follow directions on package.
		Spraying.	When larvae or insects appear. Repeat as necessary.	Liquid Slug Shot. Red Arrow.	Follow directions on packages.
	Red Spider	Spraying	When first observed by fine web on leaves.	Volck—Red Arrow. Thrip Juice.	Follow directions on packages.
	Cut Worm		In evening when first observed.	Poison Bran Bait.	
	Sod Web Worm **Night Crawlers**	Dusting	When insects appear.	Arsenate of Lead.	1 Lb. to 100 Sq. Ft. watered in.
		Spraying.	When insects appear.	Red Arrow. Liquid Slug Shot.	Follow directions on packages.
Vegetables Beet Cabbage Cauliflower Lettuce Onion Radish Spinach and most others except below.	**Diseases—** Leaf Spot, Mildew, Rust, Rot, Blight, Etc.	Dusting.	When disease first appears. Repeat every 2 wk. as necessary.	Pomo-Green. Grape and Rose Dust. Bordeaux Mixture.	Follow directions on packages.
		Spraying.	Same as above.	Pyrox—Bordeaux.	Follow directions on packages.
	Combination for chewing insects and diseases in general	Spraying.	When insects or diseases first appear. Repeat as necessary.	Pyrox. Bordeaux with Arsenate of Lead.	Follow directions on package. 3 tsp.—1 tsp.—1 Qt. Water. 8 Lbs.—2 Lbs.—50 Gal. Water.
	Combination for chewing and sucking insects.	Dusting.	Same as above.	Nicotine Pomo-Green.	Follow directions on package.
		Spraying.	Same as above.	Nicotine Pyrox.	Follow directions on package.
Beans	**Chewing and sucking Insects** Including Aphis and Beetles.	Spraying.	When larvae or insects first appear. Repeat as necessary.	Red Arrow. Liquid Slug Shot.	Follow directions on packages.
	Mexican Bean Beetles and other chewing insects.	Dusting.	When eggs and larvae appear. Repeat every 10 days.	Calcium Arsenate with Hydrated Lime.	1 to 9 parts by weights. Apply when plants are damp.
		Spraying.	Same as above.	Red Arrow. Calcium Arsenate with Hydrated Lime.	Follow directions on package. 1 oz.—2 oz.—4 gal. water or 1 Lb.—2 Lbs.—50 Gal. water.
	Diseases	Spraying.	Before blooms and frequently after bloom.	Bordeaux Mixture. Pyrox.	Follow directions on packages.
Vine Crops Cucumber Melon Pumpkin Squash	**Chewing and sucking insects** including Aphis and Beetles.	Spraying.	When plants are thru ground and at intervals.	Liquid Slug Shot. Red Arrow.	Follow directions on packages.
	Mexican Bean Beetles and other chewing insects.	Dusting.	As above. Treat under sides of leaves.	Calcium Arsenate with Land Plaster.	1 to 20 parts by weight. Apply when plants are damp.
	Diseases	Spraying.	When vines begin to run and at week intervals.	Bordeaux Mixture. Pyrox.	Follow directions on packages.
Potatoes	**Chewing insects including Beetles.**	Spraying.	Apply when larvae or pests appear.	Pyrox. Arsenate of Lead.	Follow directions on package. 1 tsp.—Qt. water. 1½ Lb.—50 Gal.
	Chewing and sucking insects including Aphis and Beetles.	Spraying.	Same as above.	Liquid Slug Shot. Red Arrow.	Follow directions on package.
	Diseases	Spraying.	When plants are 6-in. high and every 2 wks. Make 4 applications.	Bordeaux Mixture. Pyrox.	Follow directions on packages.
Tomatoes **Eggplant** **Peppers**	**Chewing and sucking insects** including Aphis and Beetles.	Spraying.	When larvae or insects appear.	Liquid Slug Shot. Red Arrow.	Follow directions on packages.
	Diseases	Spraying.	At 2 wk. intervals as necessary. Can treat in seed bed.	Bordeau Mixture. Pyrox.	Follow directions on packages.

DAMPING OFF OF SEEDLINGS

"Damping Off" and Rots of Seedlings are actually caused by living germs that live in the soil. The most successful combatant is sterilization of the soil and seed or seed-pieces. We recommend the use of Hammond's Formaldehyde Dust for this purpose. It is offered on page 18.

If you wish information on the Dormant Spraying of fruit and shade trees, cane fruits, grapes, etc., ask for complete spray calendar.

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Date....., 1936

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